

State of California
The Resources Agency

DEPARTMENT OF WATER RESOURCES
Division of Operations and Maintenance

STATE WATER PROJECT OPERATIONS DATA

For the month of:
April 2001

Gray Davis
Governor
State of California

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Secretary for Resources
The Resources Agency

Thomas M. Hannigan
Director
Department of Water Resource

State of California
GRAY DAVIS, Governor

The Resources Agency
MARY D. NICHOLS, Secretary for Resources

Department of Water Resources
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The organization shown above represents staff and positions relevant to this report as of publication date on October 22, 2001. It is the department's policy to not show staff in "Acting" or "Temporary" positions.

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MONTHLY HIGHLIGHTS

The following highlights are activities or actions that impacted State Water Project operations during the month of April 2001.

Statewide precipitation was 75 percent of average for the 2000-2001 water year through April and statewide runoff was 45 percent of average. Precipitation percentages are used in this report to express historical and regional comparisons. Additional and more specific information is available via the internet at: "http://cdec.water.ca.gov/snow_rain.html".

On April 30, total storage in major SWP reservoirs was about 3.77 MAF, compared with about 4.7 MAF at this time in 2000. The average storage in the major SWP reservoirs at the end of April was about 4.4 MAF. The April 30 storage at Lake Oroville was about 2.19 MAF as compared to 3.1 MAF last year. The State's share of San Luis Reservoir storage was about 985 TAF, as compared with 969 TAF at this time last year. On April 30, the combined storage in our southern reservoirs was about 604 TAF, compared with about 659 TAF at this time last year.

Through April, SWP water deliveries for 2001 were about 535,700 AF. This is a combination of project, transfer, and exchange waters. This is 371,200 AF less than that delivered during the same period in 2000.

Late storms in March delayed the runoff estimates used to determine X₂ requirements for April. Early storms in April further confounded outflow estimates for April. This uncertainty complicated export scheduling and operators relied heavily on daily adjustments to the schedule to insure compliance with standards.

Water level concerns and the timing of the fish barrier installation further complicated Operations planning. Despite relatively low export levels, diverters in the South Delta were experiencing water level problems, especially in Tom Paine Slough. As a result of low water levels, the Department adjusted the Clifton Court Forebay operations to further reduce potential effects during low tide periods.

This year, the Vernalis Adaptive Management Program (VAMP) started on April 20. During VAMP, San Joaquin flows are augmented by additional upstream releases and exports are curtailed for a 31-day period. In addition, a barrier is placed at the Head of Old River (HOR). Together, these measures are intended to improve conditions for juvenile fall-run salmon emigrating from the San Joaquin system. This year, the VAMP was delayed due to problems with securing permits to allow completion of the HOR barrier.

Daylight Savings Time commenced at 2 AM on Sunday, April 1. April 1 was a 23-hour day, which necessitates using 1.9008 as the factor for converting cfs to acre-feet.

Table 1. Antelope Lake

Daily Operation
(in acre-feet except as noted)

Capacity: 22,566 ac-ft

April 2001

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Outflow in cfs | | | | | Computed Inflow 1/ | |
|----------------|-----------------------------------|---------|----------------|--------------------|-----------------------|-------------|-------|--------------------------------------|--------------------|--|
| | | | | Regulated Release | | | Spill | Estimated Evaporation And Seepage 1/ | | |
| | | | | Stream-flow Maint. | Water Supply Contract | Water Right | | | | |
| Mar 31 | 4994.13 | 15,916 | | | | | | | | |
| 1 | 4994.26 | 16,015 | 99 | 5 | 0 | 0 | 0 | | | |
| 2 | 4994.36 | 16,091 | 76 | 5 | 0 | 0 | 0 | | | |
| 3 | 4994.46 | 16,168 | 77 | 5 | 0 | 0 | 0 | | | |
| 4 | 4994.53 | 16,221 | 53 | 5 | 0 | 0 | 0 | | | |
| 5 | 4994.60 | 16,275 | 54 | 5 | 0 | 0 | 0 | | | |
| 6 | 4994.67 | 16,329 | 54 | 5 | 0 | 0 | 0 | | | |
| 7 | 4994.74 | 16,383 | 54 | 5 | 0 | 0 | 0 | | | |
| 8 | 4994.78 | 16,414 | 31 | 5 | 0 | 0 | 0 | | | |
| 9 | 4994.83 | 16,452 | 38 | 5 | 0 | 0 | 0 | | | |
| 10 | 4994.89 | 16,499 | 47 | 5 | 0 | 0 | 0 | | | |
| 11 | 4994.95 | 16,545 | 46 | 5 | 0 | 0 | 0 | | | |
| 12 | 4995.00 | 16,584 | 39 | 5 | 0 | 0 | 0 | | | |
| 13 | 4995.05 | 16,623 | 39 | 5 | 0 | 0 | 0 | | | |
| 14 | 4995.08 | 16,646 | 23 | 5 | 0 | 0 | 0 | | | |
| 15 | 4995.14 | 16,693 | 47 | 5 | 0 | 0 | 0 | | | |
| 16 | 4995.17 | 16,716 | 23 | 5 | 0 | 0 | 0 | | | |
| 17 | 4995.26 | 16,787 | 71 | 5 | 0 | 0 | 0 | | | |
| 18 | 4995.38 | 16,881 | 94 | 5 | 0 | 0 | 0 | | | |
| 19 | 4995.50 | 16,975 | 94 | 5 | 0 | 0 | 0 | | | |
| 20 | 4995.59 | 17,046 | 71 | 5 | 0 | 0 | 0 | | | |
| 21 | 4995.64 | 17,086 | 40 | 5 | 0 | 0 | 0 | | | |
| 22 | 4995.75 | 17,173 | 87 | 5 | 0 | 0 | 0 | | | |
| 23 | 4995.84 | 17,244 | 71 | 5 | 0 | 0 | 0 | | | |
| 24 | 4995.97 | 17,348 | 104 | 5 | 0 | 0 | 0 | | | |
| 25 | 4996.11 | 17,460 | 112 | 5 | 0 | 0 | 0 | | | |
| 26 | 4996.26 | 17,580 | 120 | 5 | 0 | 0 | 0 | | | |
| 27 | 4996.38 | 17,677 | 97 | 5 | 0 | 0 | 0 | | | |
| 28 | 4996.46 | 17,742 | 65 | 5 | 0 | 0 | 0 | | | |
| 29 | 4996.54 | 17,807 | 65 | 5 | 0 | 0 | 0 | | | |
| 30 | 4996.62 | 17,871 | 64 | 5 | 0 | 0 | 0 | | | |
| Total cfs-days | | | | - - - | 150 | 0 | 0 | 0 | 79 | |
| Total ac-ft | | | | 1,955 | 298 | 0 | 0 | 0 | 157 | |
| | | | | | | | | | 229 | |
| | | | | | | | | | 1,215 | |
| | | | | | | | | | 455 | |
| | | | | | | | | | 2,410 | |

1/ Values not available on a daily basis.

Table 2. Frenchman Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 55,477 ac-ft

April 2001

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Outflow in cfs | | | | | Computed Inflow 1/ | |
|----------------|--------------------------------------|---------|----------------|--------------------|-----------------------|-------------|-------|---|-----------------------|-----|
| | | | | Regulated Release | | | Spill | Estimated Evaporation And Seepage 1/ | | |
| | | | | Stream-flow Maint. | Water Supply Contract | Water Right | | | | |
| Mar 31 | 5579.01 | 42,378 | | | | | | | | |
| 1 | 5579.03 | 42,404 | 26 | 2 | 0 | 0 | 0 | | | |
| 2 | 5579.05 | 42,431 | 27 | 2 | 0 | 0 | 0 | | | |
| 3 | 5579.04 | 42,418 | -13 | 2 | 0 | 0 | 0 | | | |
| 4 | 5579.08 | 42,471 | 53 | 2 | 0 | 0 | 0 | | | |
| 5 | 5579.03 | 42,404 | -67 | 2 | 0 | 0 | 0 | | | |
| 6 | 5579.10 | 42,498 | 94 | 2 | 0 | 0 | 0 | | | |
| 7 | 5579.09 | 42,485 | -13 | 2 | 0 | 0 | 0 | | | |
| 8 | 5579.15 | 42,565 | 80 | 2 | 0 | 0 | 0 | | | |
| 9 | 5579.17 | 42,592 | 27 | 2 | 0 | 0 | 0 | | | |
| 10 | 5579.17 | 42,592 | 0 | 2 | 0 | 0 | 0 | | | |
| 11 | 5579.21 | 42,646 | 54 | 2 | 0 | 0 | 0 | | | |
| 12 | 5579.23 | 42,673 | 27 | 2 | 0 | 0 | 0 | | | |
| 13 | 5579.24 | 42,686 | 13 | 2 | 0 | 0 | 0 | | | |
| 14 | 5579.24 | 42,686 | 0 | 2 | 0 | 0 | 0 | | | |
| 15 | 5579.24 | 42,686 | 0 | 2 | 0 | 0 | 0 | | | |
| 16 | 5579.26 | 42,713 | 27 | 2 | 0 | 0 | 0 | | | |
| 17 | 5579.24 | 42,686 | -27 | 2 | 0 | 0 | 0 | | | |
| 18 | 5579.29 | 42,754 | 68 | 2 | 0 | 0 | 0 | | | |
| 19 | 5579.33 | 42,807 | 53 | 2 | 0 | 0 | 0 | | | |
| 20 | 5579.30 | 42,767 | -40 | 2 | 0 | 0 | 0 | | | |
| 21 | 5579.35 | 42,834 | 67 | 2 | 0 | 0 | 0 | | | |
| 22 | 5579.36 | 42,848 | 14 | 2 | 0 | 0 | 0 | | | |
| 23 | 5579.34 | 42,821 | -27 | 2 | 0 | 0 | 0 | | | |
| 24 | 5579.39 | 42,888 | 67 | 2 | 0 | 0 | 0 | | | |
| 25 | 5579.37 | 42,861 | -27 | 2 | 0 | 0 | 0 | | | |
| 26 | 5579.41 | 42,915 | 54 | 2 | 0 | 0 | 0 | | | |
| 27 | 5579.42 | 42,929 | 14 | 2 | 0 | 0 | 0 | | | |
| 28 | 5579.42 | 42,929 | 0 | 2 | 0 | 0 | 0 | | | |
| 29 | 5579.37 | 42,861 | -68 | 2 | 0 | 0 | 0 | | | |
| 30 | 5579.34 | 42,821 | -40 | 1 | 15 | 0 | 0 | | | |
| Total cfs-days | | | --- | 59 | 15 | 0 | 0 | 133 | 207 | 430 |
| Total ac-ft | | | 443 | 117 | 30 | 0 | 0 | 264 | 411 | 854 |

1/ Values not available on a daily basis.

Table 3. Lake Davis

Daily Operation

(in acre-feet except as noted)

Capacity: 84,371 ac-ft

April 2001

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Outflow in cfs | | | | | Computed Inflow 1/ | |
|----------------|-----------------------------------|---------|----------------|--------------------|-----------------------|-------------|-------|--------------------------------------|--------------------|-------|
| | | | | Regulated Release | | | Spill | Estimated Evaporation And Seepage 1/ | | |
| | | | | Stream-flow Maint. | Water Supply Contract | Water Right | | | | |
| Mar 31 | 5767.63 | 57,491 | | | | | | | | |
| 1 | 5767.64 | 57,524 | 33 | 15 | 0 | 0 | 0 | | | |
| 2 | 5767.59 | 57,361 | -163 | 15 | 0 | 0 | 0 | | | |
| 3 | 5767.56 | 57,263 | -98 | 15 | 0 | 0 | 0 | | | |
| 4 | 5767.55 | 57,231 | -32 | 15 | 0 | 0 | 0 | | | |
| 5 | 5767.54 | 57,198 | -33 | 15 | 0 | 0 | 0 | | | |
| 6 | 5767.52 | 57,133 | -65 | 15 | 0 | 0 | 0 | | | |
| 7 | 5767.54 | 57,198 | 65 | 15 | 0 | 0 | 0 | | | |
| 8 | 5767.54 | 57,198 | 0 | 15 | 0 | 0 | 0 | | | |
| 9 | 5767.54 | 57,198 | 0 | 15 | 0 | 0 | 0 | | | |
| 10 | 5767.54 | 57,198 | 0 | 15 | 0 | 0 | 0 | | | |
| 11 | 5767.56 | 57,263 | 65 | 15 | 0 | 0 | 0 | | | |
| 12 | 5767.55 | 57,231 | -32 | 15 | 0 | 0 | 0 | | | |
| 13 | 5767.55 | 57,231 | 0 | 15 | 0 | 0 | 0 | | | |
| 14 | 5767.55 | 57,231 | 0 | 15 | 0 | 0 | 0 | | | |
| 15 | 5767.54 | 57,198 | -33 | 15 | 0 | 0 | 0 | | | |
| 16 | 5767.53 | 57,165 | -33 | 15 | 0 | 0 | 0 | | | |
| 17 | 5767.52 | 57,133 | -32 | 15 | 0 | 0 | 0 | | | |
| 18 | 5767.54 | 57,198 | 65 | 15 | 0 | 0 | 0 | | | |
| 19 | 5767.54 | 57,198 | 0 | 15 | 0 | 0 | 0 | | | |
| 20 | 5767.54 | 57,198 | 0 | 15 | 0 | 0 | 0 | | | |
| 21 | 5767.54 | 57,198 | 0 | 15 | 0 | 0 | 0 | | | |
| 22 | 5767.54 | 57,198 | 0 | 15 | 0 | 0 | 0 | | | |
| 23 | 5767.56 | 57,263 | 65 | 15 | 0 | 0 | 0 | | | |
| 24 | 5767.57 | 57,296 | 33 | 15 | 0 | 0 | 0 | | | |
| 25 | 5767.57 | 57,296 | 0 | 15 | 0 | 0 | 0 | | | |
| 26 | 5767.57 | 57,296 | 0 | 15 | 0 | 0 | 0 | | | |
| 27 | 5767.55 | 57,231 | -65 | 15 | 0 | 0 | 0 | | | |
| 28 | 5767.52 | 57,133 | -98 | 15 | 0 | 0 | 0 | | | |
| 29 | 5767.50 | 57,068 | -65 | 15 | 0 | 0 | 0 | | | |
| 30 | 5767.50 | 57,068 | 0 | 13 | 0 | 0 | 0 | | | |
| Total cfs-days | | | | --- | 448 | 0 | 0 | 328 | 776 | 562 |
| Total ac-ft | | | | -423 | 889 | 0 | 0 | 650 | 1,539 | 1,116 |

1/ Values not available on a daily basis.

Table 4. Lake Oroville

Daily Operation

(in acre-feet except as noted)

Capacity: 3,537, 580 ac-ft

April 2001

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Outflow | | | | | Inflow | |
|--------|-----------------------------------|-----------|----------------|--------------------------------|---------------|----------------|-------|---------------|---------------------------|--------------------|
| | | | | Hyatt Powerplant Generation 1/ | Palermo Canal | Evaporation 2/ | Spill | Total Outflow | Hyatt Powerplant Pumpback | Computed Inflow 3/ |
| Mar 31 | 786.90 | 2,048,313 | | | | | | | | |
| 1 | 788.33 | 2,062,866 | 14,553 | 98 | 8 | 132 | 0 | 238 | 4,395 | 10,396 |
| 2 | 788.12 | 2,060,598 | -2,268 | 11,373 | 8 | 132 | 0 | 11,513 | 0 | 9,245 |
| 3 | 788.61 | 2,065,894 | 5,296 | 5,290 | 8 | 98 | 0 | 5,396 | 0 | 10,692 |
| 4 | 789.03 | 2,070,441 | 4,547 | 3,859 | 8 | 121 | 0 | 3,988 | 1,066 | 7,469 |
| 5 | 789.49 | 2,075,430 | 4,989 | 3,142 | 8 | 121 | 0 | 3,271 | 1,048 | 7,212 |
| 6 | 789.93 | 2,080,209 | 4,779 | 2,746 | 8 | 122 | 0 | 2,876 | 1,064 | 6,591 |
| 7 | 790.76 | 2,089,246 | 9,037 | 306 | 8 | 0 | 0 | 314 | 1,076 | 8,275 |
| 8 | 791.99 | 2,102,690 | 13,444 | 0 | 8 | 29 | 0 | 37 | 7,118 | 6,363 |
| 9 | 792.28 | 2,105,869 | 3,179 | 3,565 | 8 | 93 | 0 | 3,666 | 885 | 5,960 |
| 10 | 792.24 | 2,105,430 | -439 | 5,149 | 8 | 140 | 0 | 5,297 | 1,059 | 3,799 |
| 11 | 792.47 | 2,107,953 | 2,523 | 5,430 | 9 | 117 | 0 | 5,556 | 902 | 7,177 |
| 12 | 792.53 | 2,108,612 | 659 | 4,338 | 9 | 88 | 0 | 4,435 | 0 | 5,094 |
| 13 | 792.63 | 2,109,710 | 1,098 | 3,442 | 9 | 105 | 0 | 3,556 | 0 | 4,654 |
| 14 | 793.00 | 2,113,775 | 4,065 | 2,105 | 8 | 99 | 0 | 2,212 | 0 | 6,277 |
| 15 | 793.93 | 2,124,019 | 10,244 | 0 | 8 | 94 | 0 | 102 | 5,421 | 4,925 |
| 16 | 793.98 | 2,124,570 | 551 | 5,939 | 8 | 117 | 0 | 6,064 | 860 | 5,755 |
| 17 | 793.99 | 2,124,681 | 111 | 5,962 | 8 | 135 | 0 | 6,105 | 0 | 6,216 |
| 18 | 794.08 | 2,125,674 | 993 | 5,386 | 8 | 141 | 0 | 5,535 | 0 | 6,528 |
| 19 | 794.22 | 2,127,220 | 1,546 | 7,271 | 9 | 88 | 0 | 7,368 | 11 | 8,903 |
| 20 | 794.56 | 2,130,978 | 3,758 | 6,249 | 9 | 71 | 0 | 6,329 | 1,012 | 9,075 |
| 21 | 795.20 | 2,138,064 | 7,086 | 2,981 | 9 | 12 | 0 | 3,002 | 2,042 | 8,046 |
| 22 | 796.64 | 2,154,069 | 16,005 | 0 | 9 | 100 | 0 | 109 | 8,115 | 7,999 |
| 23 | 796.78 | 2,155,629 | 1,560 | 5,368 | 16 | 119 | 0 | 5,503 | 16 | 7,047 |
| 24 | 796.68 | 2,154,514 | -1,115 | 8,452 | 20 | 113 | 0 | 8,585 | 0 | 7,470 |
| 25 | 796.77 | 2,155,518 | 1,004 | 8,960 | 20 | 232 | 0 | 9,212 | 12 | 10,204 |
| 26 | 796.95 | 2,157,526 | 2,008 | 10,204 | 20 | 113 | 0 | 10,337 | 994 | 11,351 |
| 27 | 797.51 | 2,163,780 | 6,254 | 5,994 | 20 | 203 | 0 | 6,217 | 1,006 | 11,465 |
| 28 | 798.17 | 2,171,167 | 7,387 | 5,101 | 20 | 171 | 0 | 5,292 | 1,025 | 11,654 |
| 29 | 799.73 | 2,188,698 | 17,531 | 0 | 20 | 150 | 0 | 170 | 7,682 | 10,019 |
| 30 | 799.70 | 2,188,360 | -338 | 11,231 | 20 | 138 | 0 | 11,389 | 1,018 | 10,033 |
| Total | | 140,047 | 139,941 | 339 | 3,394 | 0 | 0 | 143,674 | 47,827 | 235,894 |

1/ Includes bypass flows

2/ Evaporation will be zero for days when there is precipitation or heavy overcast.

3/ Does not include pumpback.

**Table 5. Thermalito Forebay
Including Diversion Pool and Power Canal**

Daily Operation

(in acre-feet except as noted)

Capacity: 25,120 ac-ft

April 2001

| Date | Storage 1/ | Storage Change | Inflow | | | Outflow | | | | | Losses (-) And Gains (+) |
|--------|---------------|-------------------|------------------------------------|------------------------------|--|--|-----------------|--------------------------------------|-------------------------------|---------------------------------|--------------------------------|
| | | | Lake Oroville Releases 2/ | Kelly Ridge Generation | Thermalito Pumping- Generating Plant Pumpback | Thermalito Pumping- Generating Plant Generation 3/ | Butte County | Thermalito Irrigation District | Releases To River 4/ | Hyatt Powerplant Pumpback | |
| Mar 31 | 24,508 | | | | | | | | | | |
| 1 | 23,841 | -667 | 98 | 488 | 4,231 | 223 | 2 | 4 | 1,232 | 4,395 | 372 |
| 2 | 24,102 | 261 | 11,373 | 499 | 0 | 10,357 | 2 | 4 | 1,226 | 0 | -22 |
| 3 | 23,685 | -417 | 5,290 | 505 | 0 | 4,914 | 2 | 4 | 1,252 | 0 | -40 |
| 4 | 23,765 | 80 | 3,859 | 504 | 1,539 | 3,607 | 2 | 4 | 1,253 | 1,066 | 110 |
| 5 | 23,791 | 26 | 3,142 | 504 | 1,559 | 2,900 | 2 | 4 | 1,271 | 1,048 | 46 |
| 6 | 23,648 | -143 | 2,746 | 505 | 1,584 | 2,739 | 2 | 5 | 1,267 | 1,064 | 99 |
| 7 | 24,016 | 368 | 306 | 505 | 1,921 | 0 | 3 | 5 | 1,263 | 1,076 | -17 |
| 8 | 23,458 | -558 | 0 | 506 | 7,270 | 0 | 3 | 5 | 1,259 | 7,118 | 51 |
| 9 | 24,029 | 571 | 3,565 | 506 | 1,301 | 2,712 | 3 | 5 | 1,253 | 885 | 57 |
| 10 | 23,300 | -729 | 5,149 | 504 | 1,472 | 5,597 | 3 | 5 | 1,257 | 1,059 | 67 |
| 11 | 23,688 | 388 | 5,430 | 510 | 1,316 | 4,777 | 3 | 5 | 1,252 | 902 | 71 |
| 12 | 23,700 | 12 | 4,338 | 504 | 0 | 3,530 | 3 | 5 | 1,252 | 0 | -40 |
| 13 | 23,473 | -227 | 3,442 | 373 | 0 | 2,687 | 3 | 5 | 1,253 | 0 | -94 |
| 14 | 23,615 | 142 | 2,105 | 274 | 0 | 999 | 3 | 5 | 1,252 | 0 | 22 |
| 15 | 23,392 | -223 | 0 | 264 | 5,048 | 0 | 3 | 5 | 1,249 | 5,421 | 1,143 |
| 16 | 23,558 | 166 | 5,939 | 226 | 1,308 | 5,083 | 3 | 5 | 1,252 | 860 | -104 |
| 17 | 23,664 | 106 | 5,962 | 0 | 0 | 4,621 | 3 | 5 | 1,247 | 0 | 20 |
| 18 | 23,697 | 33 | 5,386 | 0 | 0 | 4,267 | 3 | 5 | 1,252 | 0 | 174 |
| 19 | 23,429 | -268 | 7,271 | 163 | 0 | 6,694 | 3 | 5 | 1,255 | 11 | 266 |
| 20 | 23,572 | 143 | 6,249 | 266 | 1,566 | 5,834 | 3 | 5 | 1,257 | 1,012 | 173 |
| 21 | 23,927 | 355 | 2,981 | 216 | 1,587 | 1,113 | 3 | 5 | 1,253 | 2,042 | -13 |
| 22 | 23,777 | -150 | 0 | 290 | 8,823 | 83 | 3 | 5 | 1,255 | 8,115 | 198 |
| 23 | 23,570 | -207 | 5,368 | 415 | 0 | 4,730 | 3 | 5 | 1,251 | 16 | 15 |
| 24 | 23,604 | 34 | 8,452 | 288 | 0 | 7,353 | 3 | 5 | 1,253 | 0 | -92 |
| 25 | 23,540 | -64 | 8,960 | 12 | 0 | 7,892 | 3 | 5 | 1,253 | 12 | 129 |
| 26 | 23,304 | -236 | 10,204 | 91 | 1,550 | 10,087 | 3 | 5 | 1,253 | 994 | 261 |
| 27 | 23,243 | -61 | 5,994 | 236 | 1,605 | 5,734 | 3 | 5 | 1,255 | 1,006 | 107 |
| 28 | 23,004 | -239 | 5,101 | 192 | 1,622 | 4,983 | 3 | 5 | 1,257 | 1,025 | 119 |
| 29 | 23,153 | 149 | 0 | 184 | 8,850 | 83 | 3 | 5 | 1,259 | 7,682 | 147 |
| 30 | 23,193 | 40 | 11,231 | 200 | 1,515 | 10,762 | 3 | 5 | 1,257 | 1,018 | 139 |
| Total | | -1,315 | 139,941 | 9,730 | 55,667 | 124,361 | 84 | 145 | 37,600 | 47,827 | 3,364 |

1/ Sum of Thermalito Forebay and Diversion Pool.

2/ Sum of releases from Lake Oroville through Hyatt plant, spill, and spillway leakage.

3/ Includes Bypass flows at Thermalito.

4/ The sum of the flows from fish barrier dam and the fish hatchery.

Table 6. Thermalito Afterbay

Daily Operation

(in acre-feet except as noted)

Capacity: 57,040 ac-ft

April 2001

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Inflow | | Outflow | | | | | Losses (-) and Gains (+) | Total Releases to River 2/ |
|--------------|-----------------------------------|---------|----------------|---|--------------------|-----------------------|----------------|---------------|-----------------------|--|--------------------------|----------------------------|
| | | | | Thermalito Pumping-Generating Plant Generation 1/ | Sutter Butte Canal | Western Canal Lateral | Richvale Canal | Western Canal | Afterbay River Outlet | Thermalito Pumping-Generating Plant Pumpback | | |
| Mar 31 | 128.94 | 28,720 | | | | | | | | | | |
| 1 | 126.87 | 22,551 | -6,169 | 223 | 0 | 0 | 0 | 0 | 2,240 | 4,231 | 79 | 3,472 |
| 2 | 129.43 | 30,283 | 7,732 | 10,357 | 0 | 0 | 0 | 0 | 2,260 | 0 | -365 | 3,486 |
| 3 | 130.11 | 32,518 | 2,235 | 4,914 | 0 | 0 | 0 | 0 | 2,260 | 0 | -419 | 3,512 |
| 4 | 130.06 | 32,351 | -167 | 3,607 | 0 | 0 | 0 | 0 | 2,260 | 1,539 | 25 | 3,513 |
| 5 | 129.92 | 31,886 | -465 | 2,900 | 0 | 0 | 0 | 0 | 1,850 | 1,559 | 44 | 3,121 |
| 6 | 129.81 | 31,523 | -363 | 2,739 | 0 | 0 | 0 | 0 | 1,451 | 1,584 | -67 | 2,718 |
| 7 | 128.90 | 28,594 | -2,929 | 0 | 0 | 0 | 0 | 0 | 1,056 | 1,921 | 48 | 2,319 |
| 8 | 126.16 | 20,600 | -7,994 | 0 | 0 | 0 | 0 | 0 | 856 | 7,270 | 132 | 2,115 |
| 9 | 126.23 | 20,789 | 189 | 2,712 | 207 | 0 | 0 | 0 | 849 | 1,301 | -166 | 2,102 |
| 10 | 127.33 | 23,861 | 3,072 | 5,597 | 431 | 0 | 0 | 0 | 851 | 1,472 | 229 | 2,108 |
| 11 | 128.05 | 25,981 | 2,120 | 4,777 | 400 | 0 | 0 | 0 | 851 | 1,316 | -90 | 2,103 |
| 12 | 128.79 | 28,249 | 2,268 | 3,530 | 461 | 0 | 0 | 0 | 859 | 0 | 58 | 2,111 |
| 13 | 129.16 | 29,417 | 1,168 | 2,687 | 602 | 0 | 0 | 0 | 865 | 0 | -52 | 2,118 |
| 14 | 129.02 | 28,972 | -445 | 999 | 625 | 0 | 0 | 0 | 859 | 0 | 40 | 2,111 |
| 15 | 126.56 | 21,689 | -7,283 | 0 | 611 | 0 | 0 | 0 | 853 | 5,048 | -771 | 2,102 |
| 16 | 127.22 | 23,544 | 1,855 | 5,083 | 661 | 0 | 108 | 103 | 855 | 1,308 | -193 | 2,107 |
| 17 | 128.08 | 26,071 | 2,527 | 4,621 | 849 | 0 | 245 | 194 | 851 | 0 | 45 | 2,098 |
| 18 | 128.73 | 28,062 | 1,991 | 4,267 | 970 | 0 | 344 | 300 | 849 | 0 | 187 | 2,101 |
| 19 | 129.90 | 31,820 | 3,758 | 6,694 | 1,113 | 0 | 375 | 393 | 857 | 0 | -198 | 2,112 |
| 20 | 130.29 | 33,122 | 1,302 | 5,834 | 1,190 | 0 | 375 | 393 | 1,254 | 1,566 | 246 | 2,511 |
| 21 | 129.23 | 29,641 | -3,481 | 1,113 | 1,020 | 0 | 339 | 393 | 1,256 | 1,587 | 1 | 2,509 |
| 22 | 125.29 | 18,315 | -11,326 | 83 | 988 | 0 | 224 | 391 | 1,250 | 8,823 | 267 | 2,505 |
| 23 | 125.98 | 20,119 | 1,804 | 4,730 | 962 | 0 | 188 | 339 | 1,252 | 0 | -185 | 2,503 |
| 24 | 127.62 | 24,704 | 4,585 | 7,353 | 1,023 | 0 | 188 | 292 | 1,248 | 0 | -17 | 2,501 |
| 25 | 129.13 | 29,322 | 4,618 | 7,892 | 1,202 | 5 | 244 | 355 | 1,250 | 0 | -218 | 2,503 |
| 26 | 130.62 | 34,242 | 4,920 | 10,087 | 1,466 | 31 | 395 | 448 | 1,246 | 1,550 | -31 | 2,499 |
| 27 | 130.73 | 34,621 | 379 | 5,734 | 1,688 | 42 | 444 | 540 | 1,248 | 1,605 | 212 | 2,503 |
| 28 | 130.31 | 33,190 | -1,431 | 4,983 | 1,876 | 46 | 536 | 738 | 1,256 | 1,622 | -340 | 2,513 |
| 29 | 125.88 | 19,853 | -13,337 | 83 | 2,063 | 46 | 635 | 863 | 1,252 | 8,850 | 289 | 2,511 |
| 30 | 127.28 | 23,717 | 3,864 | 10,762 | 2,142 | 32 | 690 | 1,008 | 1,256 | 1,515 | -255 | 2,513 |
| Total | | -5,003 | | 124,361 | 22,550 | 202 | 5,330 | 6,750 | 37,400 | 55,667 | -1,465 | 75,000 |

1/ Includes Bypass flows at Thermalito.

2/ The sum of the flows from the fish barrier dam, fish hatchery, and afterbay river outlet.

Table 7. Oroville-Thermalito Complex

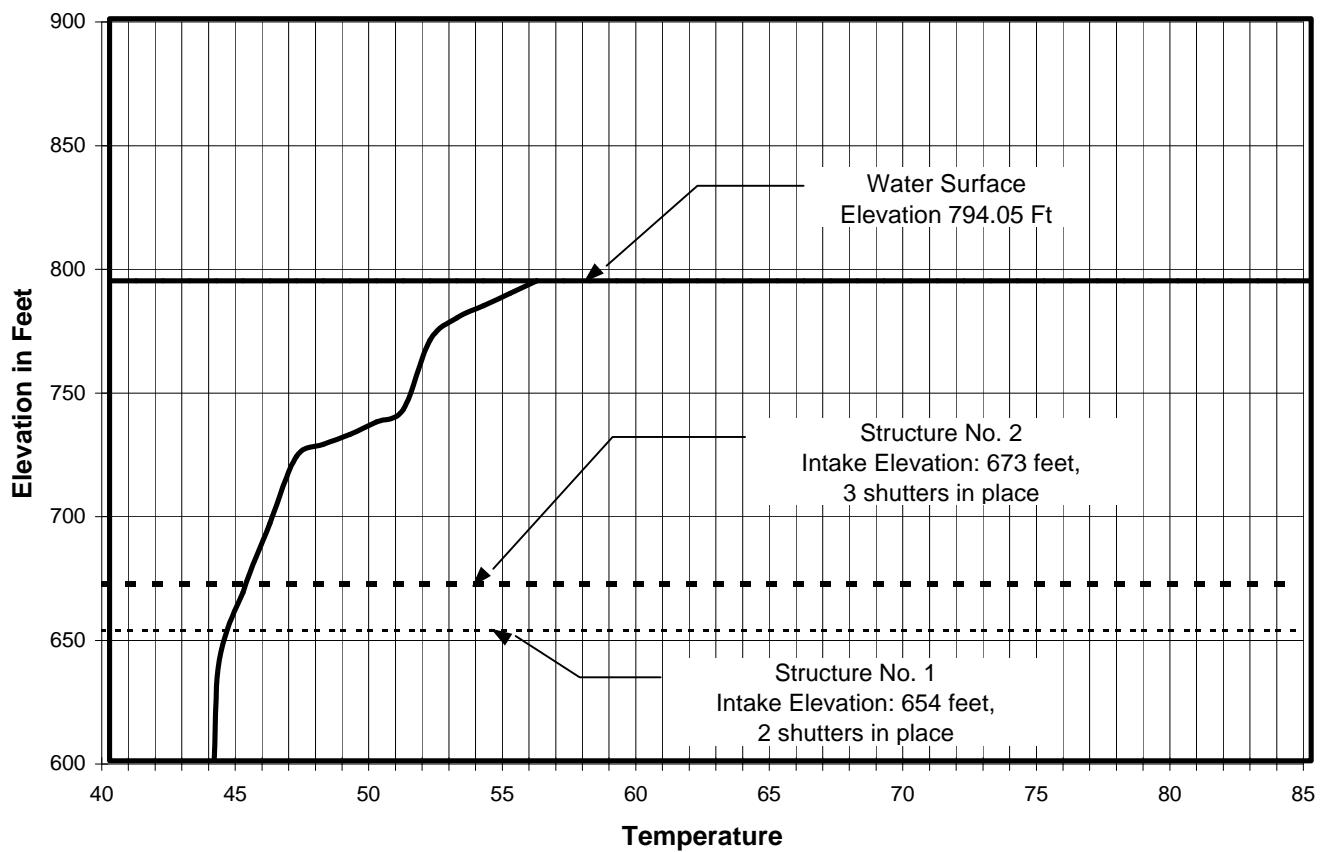
Water Temperature Data

(in degrees Fahrenheit)

April 2001

| Date | Mean Daily Temperature | |
|------|----------------------------------|------------------|
| | Thermalito Afterbay Outlet | Fish Hatchery |
| 1 | 63 | 53 |
| 2 | 62 | 51 |
| 3 | 60 | 48 |
| 4 | 60 | 48 |
| 5 | 60 | 48 |
| 6 | 58 | 48 |
| 7 | 57 | 48 |
| 8 | 56 | 50 |
| 9 | 55 | 52 |
| 10 | 56 | 50 |
| 11 | 56 | 49 |
| 12 | 56 | 48 |
| 13 | 56 | 48 |
| 14 | 57 | 49 |
| 15 | 56 | 50 |
| 16 | 58 | 51 |
| 17 | 60 | 50 |
| 18 | 60 | 49 |
| 19 | 60 | 48 |
| 20 | 58 | 48 |
| 21 | 57 | 48 |
| 22 | 58 | 50 |
| 23 | 61 | 51 |
| 24 | 63 | 50 |
| 25 | 64 | 49 |
| 26 | 64 | 49 |
| 27 | 62 | 49 |
| 28 | 63 | 49 |
| 29 | 65 | 51 |
| 30 | 65 | 52 |

**Lake Oroville Temperature Profile
on April 18, 2001**



Note: Water surface elevations on Table 4 are taken at Oroville Dam at midnight and may differ slightly from those shown on this table which are normally taken at mid-day and upstream from Oroville Dam.

Table 8. North Bay Aqueduct
Delta Field Division, Monthly Deliveries

(In acre-feet)

April 2001

| Reach No. | Operating Pool | | | Turnout | Total Diversions | Deliveries | | | | |
|-----------|----------------------|---|-------|---|------------------|-------------------|-------------------|-----------|--|--|
| | Beginning and Ending | | Mile | | | Entitlement | | Ex-change | | |
| | No. | Structure | | | | M & I | Benicia | | | |
| 1 | 1 | Barker Slough Pumping Plant | 0.17 | (Into the North Bay Aqueduct) | 3,920 | 111 403 762 | 111 403 762 | 277 | | |
| | | Travis Surge Tank | 8.78 | | | | | | | |
| | | | 8.80 | Solano County Water Agency Travis Turnout | 111 | | | | | |
| | | | 10.54 | Solano County Water Agency Fairfield / Vacaville 24" | 403 | | | | | |
| | | | | Solano County Water Agency Fairfield / Vacaville 42" | 762 | | | | | |
| | | | 17.00 | Solano County Water Agency Central Solano | Stub | | | | | |
| | | Cordelia Forebay | 21.23 | | | | | | | |
| 3A | 2 | Cordelia Pumping Plant & Cordelia Spillway | 21.30 | | 2,529 | 1,230 | 1,230 | 277 | | |
| | | | 21.33 | Solano County Water Agency Vallejo | 277 | | | | | |
| | | Napa Pipeline | | Solano County Water Agency Benicia | 1,230 | | | | | |
| | | | | | | | | | | |
| | | Cordelia Surge Tank | 23.33 | | | | | | | |
| | | Creston Surge Tank Connection | 25.65 | | | | | | | |
| | | | 26.95 | Napa County Flood Control & WCD American Canyon 2 | 0 | | | | | |
| | | | 27.27 | Napa County Flood Control & WCD American Canyon 3 | 0 | | | | | |
| | | Napa Terminal Tank | 27.58 | City of Napa | 855 | | | | | |
| | | | 27.60 | Napa County Flood Control & WCD American Canyon 1 | 167 | | | | | |

Table 9. Delta Field Division Plant Data

(in acre-feet)

April 2001

| Date | North Bay Aqueduct | | California Aqueduct | | South Bay Aqueduct | | | |
|-------|-----------------------------|------------------------|---------------------|--------|-------------------------|-------------------------|---------------|--|
| | Barker Slough Pumping Plant | Cordelia Pumping Plant | Banks Pumping Plant | | South Bay Pumping Plant | Del Valle Pumping Plant | | |
| | | | Total | SWP | | Into Lake | Into Aqueduct | Gravity Flow Through Plant Into Aqueduct |
| 1 | 33 | 26 | 6,990 | 6,990 | 364 | 0 | 0 | 0 |
| 2 | 33 | 28 | 6,393 | 6,393 | 530 | 105 | 0 | 0 |
| 3 | 47 | 41 | 6,402 | 6,402 | 617 | 189 | 0 | 0 |
| 4 | 115 | 108 | 5,804 | 5,804 | 610 | 178 | 0 | 0 |
| 5 | 153 | 138 | 3,373 | 3,373 | 604 | 175 | 0 | 0 |
| 6 | 148 | 133 | 3,301 | 3,301 | 580 | 188 | 0 | 0 |
| 7 | 89 | 77 | 2,250 | 2,250 | 570 | 203 | 0 | 0 |
| 8 | 84 | 87 | 2,190 | 2,190 | 565 | 209 | 0 | 0 |
| 9 | 108 | 80 | 1,213 | 1,213 | 537 | 214 | 0 | 0 |
| 10 | 114 | 74 | 4,733 | 4,733 | 472 | 188 | 0 | 0 |
| 11 | 112 | 89 | 4,911 | 4,911 | 431 | 198 | 0 | 0 |
| 12 | 130 | 100 | 4,960 | 4,960 | 435 | 212 | 0 | 0 |
| 13 | 160 | 108 | 5,097 | 5,097 | 446 | 213 | 0 | 0 |
| 14 | 161 | 92 | 5,738 | 5,738 | 454 | 212 | 0 | 0 |
| 15 | 151 | 74 | 5,633 | 5,633 | 454 | 208 | 0 | 0 |
| 16 | 153 | 77 | 4,978 | 4,978 | 419 | 186 | 0 | 0 |
| 17 | 153 | 78 | 5,588 | 5,588 | 190 | 0 | 0 | 47 |
| 18 | 157 | 90 | 3,766 | 3,766 | 133 | 0 | 0 | 127 |
| 19 | 146 | 86 | 5,931 | 5,931 | 79 | 0 | 0 | 152 |
| 20 | 145 | 98 | 813 | 813 | 90 | 0 | 0 | 150 |
| 21 | 139 | 84 | 0 | 0 | 69 | 0 | 0 | 149 |
| 22 | 142 | 76 | 0 | 0 | 61 | 0 | 0 | 163 |
| 23 | 142 | 80 | 0 | 0 | 69 | 0 | 0 | 165 |
| 24 | 142 | 76 | 0 | 0 | 69 | 0 | 0 | 164 |
| 25 | 161 | 96 | 0 | 0 | 123 | 0 | 0 | 143 |
| 26 | 147 | 80 | 1,339 | 1,339 | 177 | 0 | 0 | 87 |
| 27 | 162 | 92 | 1,686 | 1,650 | 333 | 90 | 0 | 26 |
| 28 | 156 | 80 | 1,616 | 1,616 | 445 | 192 | 0 | 0 |
| 29 | 156 | 86 | 3,084 | 3,084 | 454 | 194 | 0 | 0 |
| 30 | 181 | 95 | 739 | 738 | 470 | 193 | 0 | 0 |
| Total | 3,920 | 2,529 | 98,528 | 98,491 | 10,850 | 3,547 | 0 | 1,371 |

Table 10. Clifton Court Forebay

Daily Operation of Gates

April 2001

| Date | Time | | | | | | | | Amount of inflow in Acre-Feet |
|-----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------------------------|
| | Opened | Closed | Opened | Closed | Opened | Closed | Opened | Closed | |
| 1 | 0:05 | 9:29 | 12:01 | 14:30 | | | | | 6,702 |
| 2 | 0:21 | 8:00 | | | | | | | 6,327 |
| 3 | 0:30 | 7:56 | | | | | | | 6,313 |
| 4 | 1:30 | 9:20 | 16:00 | 17:25 | | | | | 6,095 |
| 5 | 2:08 | 6:15 | | | | | | | 1,966 |
| 6 | 1:56 | 5:30 | 18:40 | 19:20 | | | | | 2,928 |
| 7 | 3:00 | 5:00 | 22:00 | 23:30 | | | | | 2,716 |
| 8 | 8:57 | 12:24 | | | | | | | 1,967 |
| 9 | 0:01 | 1:52 | 9:37 | 10:31 | 20:45 | 21:20 | | | 1,437 |
| 10 | 1:05 | 3:20 | 9:39 | 14:08 | | | | | 4,734 |
| 11 | 0:40 | 4:03 | 10:00 | 13:41 | | | | | 5,537 |
| 12 | 0:05 | 4:51 | 11:13 | 16:10 | | | | | 4,946 |
| 13 | 0:01 | 5:43 | 11:30 | 12:20 | | | | | 5,207 |
| 14 | 0:03 | 6:00 | 23:30 | --- | | | | | 5,924 |
| 15 | --- | 6:08 | 13:35 | 15:30 | | | | | 5,752 |
| 16 | 4:05 | 11:40 | | | | | | | 6,312 |
| 17 | 4:49 | 12:25 | | | | | | | 5,330 |
| 18 | 5:24 | 11:21 | | | | | | | 3,966 |
| 19 | 1:40 | 5:51 | | | | | | | 4,354 |
| 20 | --- | --- | | | | | | | 1/ 421 |
| 21 | 7:14 | 8:49 | | | | | | | 1,073 |
| 22 | 7:09 | 9:40 | | | | | | | 1,314 |
| 23 | 7:50 | 13:20 | | | | | | | 1,137 |
| 24 | 9:20 | 12:50 | 19:00 | 20:37 | | | | | 1,372 |
| 25 | 8:52 | 11:24 | | | | | | | 1,469 |
| 26 | 9:02 | 11:20 | | | | | | | 1,468 |
| 27 | 0:50 | 2:05 | 10:00 | 12:43 | | | | | 1,370 |
| 28 | 2:00 | 7:03 | | | | | | | 1,488 |
| 29 | 1:41 | 5:44 | 11:35 | 12:30 | | | | | 1,475 |
| 30 | 0:01 | 5:00 | | | | | | | 1,486 |
| Total inflow for the month in AF: | | | | | | | | | 102,586 |

1/ The gates were closed all day on the 20th but a spring storm with high winds caused wave action to force water over and through the gates.

Table 11. Governor Edmund G. Brown California Aqueduct

Delta Field Division, Monthly Deliveries

(In acre-feet)

April 2001

| Reach No. | Operating Pool | | | Turnout | Total Diver-sions | Deliveries | | | | | | |
|-----------|-------------------------|--------------|------------------------------|---------|-------------------|--------------|------|-------|------------|----------------|--|--|
| | Beginning and Ending | | | | | Entitle-ment | USBR | Misc. | Loan Water | Carryover Ent. | | |
| | No. | Structure | Mile | | | | | | | | | |
| 1 | Banks Pumping Plant | 3.32 | | | 98,528 | 39 | 39 | 39 | 39 | 39 | | |
| 2A | South Bay Pumping Plant | 4.49 | Bethany Reservoir Inlet | | 10,850 | | | | | | | |
| | Check No. 1 | 5.95 | | | | | | | | | | |
| | Check No. 2 | 12.01 | | | | | | | | | | |
| | 3 | 12.47 | Musco Olive | | 39 | | | | | | | |
| | | Check No. 3 | 18.29 | | | | | | | | | |
| | 4 | 22.16 | Tracy Golf & Country Club | | 0 | | | | | | | |
| | | Check No. 4 | 23.99 | | | | | | | | | |
| | 5 | Check No. 5 | 29.73 | | | 10 | 10 | 10 | 10 | 10 | | |
| | 6 | Check No. 6 | 34.24 | | | | | | | | | |
| | 7 | 35.22 | Turlock Fruit Company Inflow | | 0 | 77 | 77 | 77 | 77 | 77 | | |
| | | Check No. 7 | 39.91 | | | | | | | | | |
| | 8 | 42.46 | Oak Flat Water District-A | | 10 | 35 | 35 | 35 | 35 | 35 | | |
| | | 43.81 | Oak Flat Water District-B | | 77 | | | | | | | |
| | | 44.64 | Oak Flat Water District-C | | 35 | | | | | | | |
| | | Check No. 8 | 45.97 | | | | | | | | | |
| 2B | 9 | 46.18 | Oak Flat Water District-D | | 71 | 71 | 71 | 71 | 71 | 71 | | |
| | | | Oak Flat Totals: | | 193 | | | | | | | |
| | Check No. 9 | 51.30 | | | | | | | | | | |
| | 10 | Check No. 10 | 56.86 | | | | | | | | | |
| | 11 | Check No. 11 | 61.40 | | | | | | | | | |
| 12 | | 66.14 | Veteran's Cemetery | | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | | Check No. 12 | 66.71 | | | | | | | | | |
| | | | | | 80,901 | | | | | | | |

Table 12. South Bay Aqueduct
Delta Field Division, Monthly Deliveries

(In acre-feet)

April 2001

| Reach No. | Operating Pool | | | Turnout | Total Diversions | Deliveries | | | | | |
|-----------|----------------------|------------------------------------|-------|--------------------------------------|------------------|-------------|------------------------------|-------|------------|--|--|
| | Beginning and Ending | | | | | Entitlement | Return Water from Semitropic | Local | Recreation | | |
| | No. | Structure | Mile | | | | | | | | |
| 1 | 1 | South Bay Pumping Plant | 0.00 | (into South Bay Aqueduct) | 10,850 | 3 | 41 | 734 | | | |
| | | | 3.17 | Granite - Vasco Rd. (Temp.) | 0 | | | | | | |
| | | | 3.18 | Oakland Scavenger Zone 7 | 3 | | | | | | |
| | | Check No. 1 | 3.91 | | | | | | | | |
| | 2 | Check No. 2 | 5.21 | | | | | | | | |
| 2 | 3 | | 7.21 | Zone 7 Altamont | 0 | 59 | 734 | 2 | | | |
| | | Check No. 3 | 9.49 | Zone 7 Patterson Stored Exchange | 734 | | | | | | |
| | | | | Zone 7 Patterson Project Water | 100 | | | | | | |
| 4 | 4 | Check No. 4 | 10.68 | | | 71 | 2 | | | | |
| | 5 | Check No. 5 | 12.29 | | | | | | | | |
| | 6 | | 13.55 | Zone 7 Wente #1 | 71 | | | | | | |
| | | | 14.16 | Zone 7 Wente #2 | 2 | | | | | | |
| | | | 14.31 | Ising Inflow Exchange | 5 | | | | | | |
| | | Check No. 6 | 14.65 | | | | | | | | |
| | 7 | | 14.78 | Zone 7 Arroyo Mocho | 0 | | | | | | |
| | | Check No. 7 | 16.38 | | | | | | | | |
| | | | 16.57 | Zone 7 Wente #3 | 3 | | | | | | |
| 5 | 8 | | 16.69 | Zone 7 Norman Nursery | 2 | 16 | 2 | 221 | 8 | | |
| | | | 16.70 | Zone 7 Concannon Project Water | 16 | | | | | | |
| | | Del Valle Branch Pipeline Junction | 18.63 | (Pumped into Lake Del Valle) | 3,547 | | | | | | |
| | | | | (Flow into South Bay Aqueduct) | 1,371 | | | | | | |
| | | | | Arroyo Valle #1 & #2 Project Water | 0 | | | | | | |
| | | | | Arroyo Valle #1 & #2 Stored Exchange | 221 | | | | | | |
| | | | | Lake Del Valle Recreation | 8 | | | | | | |
| | | | | Zone 7 Wente #5 Stored Exchange | 24 | | | | | | |
| | | | 19.20 | So. Livermore Project Water | 2 | | 2 | 658 | 713 | | |
| | | | | So. Livermore Inflow Released | 658 | | | | | | |
| 6 | | | | So. Livermore Stored Exchanged | 0 | | | | | | |
| | | | | So. Livermore Storage Release | 713 | | | | | | |
| | | | 19.21 | Zone 7 - Kalthrof Detjens | 136 | | | | | | |
| 7 | La Costa Tunnel | | 22.50 | ACWD Vallecitos Project Water | 0 | | | | | | |
| | | | 25.97 | City of San Francisco San Antonio | 0 | | | | | | |
| | | | | ACWD - Bayside 1 & 2 Project Water: | 0 | | | | | | |
| 8 | Mission Tunnel | | 28.97 | Inflow Released | 0 | | | | | | |
| | | | | Stored Exchange: | 1,863 | | | | | | |
| 9 | Santa Clara Pipeline | 35.86 | | S.C.V.W.D. Meter | 4,112 | 4,112 | | | 1,863 | | |

Table 13. Lake Del Valle

Daily Operation

Capacity: 77,106 ac-ft

April 2001

| Date | Water Surface Elevation (feet) | Storage | Storage Change | Inflow | | Outflow | | | | | Precipitation (inches) |
|--------------|--------------------------------|---------|----------------|------------|-------------------------|--------------|--------------------|--------------------------|-------------|---------------|------------------------|
| | | | | Natural 1/ | From South Bay Aqueduct | Arroyo Valle | South Bay Aqueduct | Recreation Deliveries 2/ | Evaporation | Total Outflow | |
| Mar 31 | 695.66 | 34,929 | | | | | | | | | |
| 1 | 695.68 | 34,942 | 13 | 22 | 0 | 0 | 0 | 0 | 9 | 9 | 0.00 |
| 2 | 695.84 | 35,045 | 103 | 6 | 105 | 0 | 0 | 0 | 8 | 8 | 0.00 |
| 3 | 696.14 | 35,242 | 197 | 12 | 189 | 0 | 0 | 0 | 4 | 4 | 0.00 |
| 4 | 696.45 | 35,446 | 204 | 31 | 178 | 0 | 0 | 0 | 5 | 5 | 0.00 |
| 5 | 696.73 | 35,630 | 184 | 14 | 175 | 0 | 0 | 0 | 5 | 5 | 0.00 |
| 6 | 697.06 | 35,848 | 218 | 37 | 188 | 0 | 0 | 0 | 7 | 7 | 0.37 |
| 7 | 697.42 | 36,087 | 239 | 38 | 203 | 0 | 0 | 0 | 2 | 2 | 0.35 |
| 8 | 697.78 | 36,327 | 240 | 35 | 209 | 0 | 0 | 0 | 4 | 4 | 0.18 |
| 9 | 698.12 | 36,554 | 227 | 17 | 214 | 0 | 0 | 0 | 4 | 4 | 0.00 |
| 10 | 698.39 | 36,735 | 181 | -2 | 188 | 0 | 0 | 0 | 5 | 5 | 0.00 |
| 11 | 698.72 | 36,958 | 223 | 30 | 198 | 0 | 0 | 0 | 5 | 5 | 0.02 |
| 12 | 699.05 | 37,181 | 223 | 14 | 212 | 0 | 0 | 0 | 3 | 3 | 0.01 |
| 13 | 699.38 | 37,405 | 224 | 17 | 213 | 0 | 0 | 0 | 6 | 6 | 0.00 |
| 14 | 699.68 | 37,609 | 204 | -3 | 212 | 0 | 0 | 0 | 5 | 5 | 0.00 |
| 15 | 700.01 | 37,834 | 225 | 22 | 208 | 0 | 0 | 0 | 5 | 5 | 0.00 |
| 16 | 700.30 | 38,033 | 199 | 18 | 186 | 0 | 0 | 0 | 5 | 5 | 0.00 |
| 17 | 700.24 | 37,992 | -41 | 11 | 0 | 0 | 47 | 0 | 5 | 52 | 0.00 |
| 18 | 700.07 | 37,875 | -117 | 15 | 0 | 0 | 127 | 0 | 5 | 132 | 0.11 |
| 19 | 699.88 | 37,745 | -130 | 27 | 0 | 0 | 152 | 0 | 5 | 157 | 0.00 |
| 20 | 699.75 | 37,656 | -89 | 66 | 0 | 0 | 150 | 0 | 5 | 155 | 0.67 |
| 21 | 699.58 | 37,541 | -115 | 39 | 0 | 0 | 149 | 0 | 5 | 154 | 0.00 |
| 22 | 699.40 | 37,418 | -123 | 45 | 0 | 0 | 163 | 0 | 5 | 168 | 0.00 |
| 23 | 699.18 | 37,269 | -149 | 22 | 0 | 0 | 165 | 1 | 5 | 171 | 0.00 |
| 24 | 698.97 | 37,127 | -142 | 33 | 0 | 0 | 164 | 1 | 10 | 175 | 0.00 |
| 25 | 698.77 | 36,991 | -136 | 17 | 0 | 0 | 143 | 1 | 9 | 153 | 0.00 |
| 26 | 698.67 | 36,924 | -67 | 31 | 0 | 0 | 87 | 1 | 10 | 98 | 0.00 |
| 27 | 698.77 | 36,991 | 67 | 13 | 90 | 0 | 26 | 1 | 9 | 36 | 0.00 |
| 28 | 699.08 | 37,201 | 210 | 24 | 192 | 0 | 0 | 1 | 5 | 6 | 0.00 |
| 29 | 699.35 | 37,384 | 183 | -5 | 194 | 0 | 0 | 1 | 5 | 6 | 0.00 |
| 30 | 699.64 | 37,581 | 197 | 14 | 193 | 0 | 0 | 1 | 9 | 10 | 0.00 |
| Total | | | | 2,652 | 660 | 3,547 | 0 | 1,373 | 8 | 174 | 1,555 |
| | | | | | | | | | | | 1.71 |

1/ Total inflow from stream gaging station above Lang Canyon and accretions/depletions.

2/ To East Bay Regional Park District.

NR=No Records

Table 14. Consolidated State-Federal O'Neill Forebay

Daily Operations

April 2001

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

| Date | Water Surface Elevation (in feet) | Storage (ac-ft) | Storage Change | Inflow (cfs) | | | | Outflow (cfs) | | | | Computed Losses (-) Gains (+) (cfs) | |
|-----------|-----------------------------------|-----------------|----------------|--------------|---|--|---------------------|---|--|--------------------------|---------------|-------------------------------------|-------|
| | | | | Pump In 1/ | O'Neill Pumping Generating Plant (Pumped) | Gianelli Pumping Generating Plant (Generation) | California Aqueduct | O'Neill Pumping Generating Plant (Generation) | Gianelli Pumping Generating Plant (Pumped) | Dos Amigos Pumping Plant | Deliveries 2/ | | |
| Mar 31 | 218.92 | 40,381 | | | | | | | | | | | |
| 3/1 | 218.53 | 39,398 | -983 | 0 | 1,841 | 0 | 3,015 | 0 | 576 | 4,898 | 4 | 105 | |
| 2 | 219.95 | 43,023 | 3,625 | 0 | 2,008 | 868 | 2,770 | 0 | 576 | 3,659 | 7 | 424 | |
| 3 | 220.91 | 45,525 | 2,502 | 0 | 1,957 | 0 | 2,737 | 0 | 0 | 2,985 | 12 | -436 | |
| 4 | 220.86 | 45,394 | -131 | 0 | 1,760 | 0 | 2,693 | 0 | 1,021 | 3,869 | 13 | 384 | |
| 5 | 220.10 | 43,411 | -1,983 | 0 | 1,615 | 0 | 1,715 | 0 | 0 | 4,009 | 11 | -310 | |
| 6 | 219.84 | 42,738 | -673 | 0 | 826 | 1,897 | 1,367 | 0 | 0 | 4,433 | 11 | 15 | |
| 7 | 222.94 | 50,886 | 8,148 | 0 | 453 | 7,611 | 631 | 0 | 0 | 3,793 | 15 | -779 | |
| 8 | 221.82 | 47,914 | -2,972 | 0 | 1,821 | 0 | 1,033 | 0 | 0 | 4,516 | 16 | 180 | |
| 9 | 221.74 | 47,703 | -211 | 0 | 2,033 | 0 | 79 | 0 | 0 | 2,145 | 16 | -57 | |
| 10 | 223.15 | 51,447 | 3,744 | 0 | 2,146 | 0 | 1,259 | 0 | 369 | 1,293 | 9 | 154 | |
| 11 | 223.23 | 51,661 | 214 | 0 | 2,193 | 0 | 2,156 | 0 | 2,680 | 1,834 | 9 | 282 | |
| 12 | 223.01 | 51,073 | -588 | 0 | 2,211 | 0 | 2,007 | 0 | 2,956 | 1,993 | 7 | 442 | |
| 13 | 221.88 | 48,071 | -3,002 | 0 | 1,847 | 0 | 2,032 | 0 | 2,927 | 3,038 | 6 | 579 | |
| 14 | 222.29 | 49,155 | 1,084 | 0 | 1,583 | 0 | 2,847 | 0 | 2,030 | 2,057 | 6 | 210 | |
| 15 | 220.92 | 45,551 | -3,604 | 0 | 1,627 | 0 | 2,331 | 0 | 3,518 | 2,576 | 8 | 327 | |
| 16 | 221.03 | 45,839 | 288 | 0 | 1,633 | 0 | 2,339 | 0 | 1,927 | 1,888 | 11 | -1 | |
| 17 | 221.38 | 46,758 | 919 | 0 | 1,618 | 0 | 2,530 | 0 | 2,142 | 1,843 | 8 | 308 | |
| 18 | 220.79 | 45,210 | -1,548 | 0 | 1,430 | 0 | 1,667 | 0 | 1,710 | 2,333 | 9 | 175 | |
| 19 | 221.28 | 46,495 | 1,285 | 0 | 855 | 0 | 2,431 | 281 | 0 | 2,323 | 12 | -22 | |
| 20 | 220.43 | 44,270 | -2,225 | 0 | 0 | 1,565 | 300 | 740 | 0 | 2,214 | 12 | -21 | |
| 21 | 220.71 | 45,001 | 731 | 0 | 0 | 3,908 | 0 | 625 | 0 | 2,576 | 6 | -332 | |
| 22 | 219.72 | 42,428 | -2,573 | 0 | 0 | 2,871 | 0 | 475 | 0 | 3,666 | 8 | -19 | |
| 23 | 220.81 | 45,263 | 2,835 | 0 | 0 | 3,911 | 0 | 364 | 0 | 2,200 | 11 | 93 | |
| 24 | 220.95 | 45,629 | 366 | 0 | 0 | 3,208 | 0 | 587 | 0 | 2,305 | 12 | -119 | |
| 25 | 219.86 | 42,790 | -2,839 | 0 | 0 | 2,001 | 0 | 782 | 0 | 2,450 | 12 | -188 | |
| 26 | 220.67 | 44,897 | 2,107 | 0 | 0 | 4,217 | 229 | 905 | 0 | 2,612 | 13 | 146 | |
| 27 | 222.09 | 48,624 | 3,727 | 0 | 0 | 4,932 | 738 | 935 | 0 | 2,627 | 18 | -211 | |
| 28 | 222.69 | 50,219 | 1,595 | 0 | 0 | 3,211 | 613 | 917 | 0 | 2,218 | 24 | 139 | |
| 29 | 222.37 | 49,368 | -851 | 0 | 0 | 2,491 | 1,205 | 924 | 0 | 3,163 | 25 | -13 | |
| 30 | 222.53 | 49,793 | 425 | 0 | 0 | 3,849 | 189 | 987 | 0 | 2,848 | 25 | 36 | |
| Total | | | | 9,412 | 0 | 31,457 | 46,540 | 40,913 | 8,522 | 22,432 | 84,364 | 356 | 1,491 |
| Mean cfs | | | | --- | 0 | 1,049 | 1,551 | 1,364 | 284 | 748 | 2,812 | 12 | 50 |
| Acre-feet | | | | 9,412 | 0 | 62,241 | 92,314 | 80,901 | 16,905 | 44,444 | 166,928 | 707 | 2,940 |

1/ Pump-in located at Mile 79.67R.

2/ Includes 99 AF delivered to DFG at O'Neill Forebay.

3/ 23 hour day. The factor for converting cfs to AF is 1.9008.

Table 15. Consolidated State-Federal San Luis Reservoir

Daily Operations

April 2001

United States
Department of the Interior
Bureau of Reclamation
Central Valley Project

State of California
The Resources Agency
Department of Water Resources
State Water Project

Capacity: 2,027,835 ac-ft

| Date | Water Surface Elev. (in feet) | Storage (ac-ft) | Storage Change (ac-ft) | Inflow (cfs) | Outflow (cfs) | | | Computed Losses (-) Gains (+) (cfs) |
|-----------|----------------------------------|--------------------|---------------------------|---|---|-------------------|---------------------|---|
| | | | | Gianelli Pumping Generating Plant (Pumped) | Gianelli Pumping Generating Plant (Generation) | Pacheco Tunnel 1/ | Parks and Rec. Del. | |
| Mar 31 | 539.06 | 1,977,986 | | | | | | |
| 2/ 1 | 539.04 | 1,977,734 | -252 | 576 | 0 | 209 | 0 | -500 |
| 2 | 538.95 | 1,976,601 | -1,133 | 576 | 868 | 169 | 0 | -110 |
| 3 | 538.91 | 1,976,097 | -504 | 0 | 0 | 186 | 0 | -68 |
| 4 | 538.97 | 1,976,852 | 755 | 1,021 | 0 | 197 | 0 | -443 |
| 5 | 538.95 | 1,976,601 | -251 | 0 | 0 | 88 | 0 | -39 |
| 6 | 538.70 | 1,973,453 | -3,148 | 0 | 1,897 | 139 | 0 | 449 |
| 7 | 537.59 | 1,959,498 | -13,955 | 0 | 7,611 | 226 | 0 | 801 |
| 8 | 537.55 | 1,958,996 | -502 | 0 | 0 | 139 | 0 | -114 |
| 9 | 537.50 | 1,958,368 | -628 | 0 | 0 | 211 | 0 | -106 |
| 10 | 537.49 | 1,958,243 | -125 | 369 | 0 | 241 | 0 | -191 |
| 11 | 537.76 | 1,961,633 | 3,390 | 2,680 | 0 | 257 | 0 | -714 |
| 12 | 538.10 | 1,965,906 | 4,273 | 2,956 | 0 | 266 | 0 | -536 |
| 13 | 538.41 | 1,969,804 | 3,898 | 2,927 | 0 | 269 | 0 | -693 |
| 14 | 538.66 | 1,972,949 | 3,145 | 2,030 | 0 | 267 | 0 | -177 |
| 15 | 539.09 | 1,978,364 | 5,415 | 3,518 | 0 | 263 | 0 | -525 |
| 16 | 539.30 | 1,981,010 | 2,646 | 1,927 | 0 | 269 | 0 | -324 |
| 17 | 539.57 | 1,984,414 | 3,404 | 2,142 | 0 | 268 | 0 | -158 |
| 18 | 539.79 | 1,987,190 | 2,776 | 1,710 | 0 | 272 | 0 | -38 |
| 19 | 539.78 | 1,987,063 | -127 | 0 | 0 | 259 | 0 | 195 |
| 20 | 539.53 | 1,983,910 | -3,153 | 0 | 1,565 | 260 | 0 | 235 |
| 21 | 538.89 | 1,975,845 | -8,065 | 0 | 3,908 | 252 | 0 | 94 |
| 22 | 538.42 | 1,969,930 | -5,915 | 0 | 2,871 | 258 | 0 | 147 |
| 23 | 537.77 | 1,961,759 | -8,171 | 0 | 3,911 | 261 | 0 | 53 |
| 24 | 537.24 | 1,955,105 | -6,654 | 0 | 3,208 | 278 | 0 | 131 |
| 25 | 536.90 | 1,950,841 | -4,264 | 0 | 2,001 | 273 | 0 | 124 |
| 26 | 536.18 | 1,941,822 | -9,019 | 0 | 4,217 | 243 | 0 | -87 |
| 27 | 535.37 | 1,931,693 | -10,129 | 0 | 4,932 | 275 | 0 | 100 |
| 28 | 534.79 | 1,924,451 | -7,242 | 0 | 3,211 | 279 | 0 | -161 |
| 29 | 534.36 | 1,919,088 | -5,363 | 0 | 2,491 | 274 | 0 | 61 |
| 30 | 533.71 | 1,910,991 | -8,097 | 0 | 3,849 | 286 | 0 | 53 |
| Total | | | -66,995 | 22,432 | 46,540 | 7,134 | 0 | -2,541 |
| Mean cfs | | | --- | 748 | 1,551 | 238 | 0 | -85 |
| Acre-feet | | | -66,995 | 44,444 | 92,314 | 14,133 | 0 | -4,992 |

1/ Pacheco Tunnel, San Felipe Split; Santa Clara: 13,241 AF, San Benito: 892 AF.

2/ 23 hour day. The factor for converting cfs to AF is 1.9008.

Table 16. San Luis Field Division Plant Data

(in acre-feet)

April 2001

| Date | Dos Amigos Pumping Plant | | Gianelli Pumping - Generating Plant | | | | San Felipe Project |
|-------|-----------------------------|-------------------------|--|----------------------------|------------------|-------------------------|-----------------------|
| | Total Pumping | SWP Pumping 1/ 2/ | Total Generation | SWP Generation 1/ 2/ | Total Pumping | SWP Pumping 1/ 2/ | Federal |
| 1 | 9,310 | 5,636 | 0 | 0 | 1,095 | 1,095 | 397 |
| 2 | 7,258 | 3,353 | 1,722 | 435 | 1,143 | 1,143 | 336 |
| 3 | 5,920 | 2,459 | 0 | 0 | 0 | 0 | 369 |
| 4 | 7,674 | 3,658 | 0 | 0 | 2,025 | 2,025 | 391 |
| 5 | 7,952 | 4,769 | 0 | 0 | 0 | 0 | 174 |
| 6 | 8,793 | 5,555 | 3,763 | 3,763 | 0 | 0 | 276 |
| 7 | 7,523 | 4,178 | 15,096 | 9,954 | 0 | 0 | 448 |
| 8 | 8,957 | 5,765 | 0 | 0 | 0 | 0 | 276 |
| 9 | 4,255 | 1,341 | 0 | 0 | 0 | 0 | 419 |
| 10 | 2,565 | 306 | 0 | 0 | 731 | 731 | 479 |
| 11 | 3,637 | 668 | 0 | 0 | 5,316 | 5,316 | 510 |
| 12 | 3,954 | 2,765 | 0 | 0 | 5,863 | 5,863 | 528 |
| 13 | 6,025 | 4,795 | 0 | 0 | 5,805 | 5,805 | 533 |
| 14 | 4,081 | 2,883 | 0 | 0 | 4,027 | 4,027 | 530 |
| 15 | 5,110 | 3,890 | 0 | 0 | 6,977 | 6,977 | 521 |
| 16 | 3,745 | 2,677 | 0 | 0 | 3,823 | 1,195 | 534 |
| 17 | 3,656 | 2,456 | 0 | 0 | 4,248 | 1,624 | 532 |
| 18 | 4,628 | 3,418 | 0 | 0 | 3,391 | 1,480 | 540 |
| 19 | 4,607 | 3,462 | 0 | 0 | 0 | 0 | 513 |
| 20 | 4,391 | 2,604 | 3,104 | 3,104 | 0 | 0 | 515 |
| 21 | 5,109 | 3,328 | 7,752 | 3,500 | 0 | 0 | 500 |
| 22 | 7,272 | 5,482 | 5,695 | 3,543 | 0 | 0 | 511 |
| 23 | 4,363 | 2,528 | 7,758 | 4,025 | 0 | 0 | 517 |
| 24 | 4,571 | 2,749 | 6,364 | 2,543 | 0 | 0 | 551 |
| 25 | 4,859 | 3,077 | 3,969 | 2,880 | 0 | 0 | 541 |
| 26 | 5,181 | 3,356 | 8,364 | 4,483 | 0 | 0 | 482 |
| 27 | 5,210 | 2,195 | 9,782 | 4,889 | 0 | 0 | 545 |
| 28 | 4,399 | 1,376 | 6,370 | 1,401 | 0 | 0 | 554 |
| 29 | 6,274 | 3,182 | 4,941 | -71 | 0 | 0 | 544 |
| 30 | 5,649 | 2,507 | 7,634 | 2,616 | 0 | 0 | 567 |
| Total | 166,928 | 96,418 | 92,314 | 47,065 | 44,444 | 37,281 | 14,133 |

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping;
adjustments to SWP water shares are made to balance the mismatch.

2/ Provisional, subject to change.

Table 17. Consolidated State-Federal Los Banos Reservoir

Daily Operations

April 2001

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity: 34,560 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

| Date | Water Surface Elev. (in feet) | Storage (ac-ft) | Storage Change (ac-ft) | Estimated Inflow (cfs) | Estimated Outflow (cfs) | | Computed Losses (-) Gains (+) (ac-ft) |
|------------------|----------------------------------|--------------------|---------------------------|---------------------------|-------------------------|----------|---|
| | | | | | Spill | Outlet | |
| Mar 31 | 327.54 | 20,454 | | | | | |
| 1 | 327.52 | 20,444 | -10 | 0 | 0 | 0 | -10 |
| 2 | 327.50 | 20,435 | -9 | 0 | 0 | 0 | -9 |
| 3 | 327.49 | 20,430 | -5 | 0 | 0 | 0 | -5 |
| 4 | 327.49 | 20,430 | 0 | 0 | 0 | 0 | 0 |
| 5 | 327.48 | 20,426 | -4 | 0 | 0 | 0 | -4 |
| 6 | 327.49 | 20,430 | 4 | 2 | 0 | 0 | 0 |
| 7 | 327.47 | 20,421 | -9 | 0 | 0 | 0 | -9 |
| 8 | 327.47 | 20,421 | 0 | 0 | 0 | 0 | 0 |
| 9 | 327.49 | 20,430 | 9 | 5 | 0 | 0 | -1 |
| 10 | 327.49 | 20,430 | 0 | 0 | 0 | 0 | 0 |
| 11 | 327.49 | 20,430 | 0 | 0 | 0 | 0 | 0 |
| 12 | 327.49 | 20,430 | 0 | 0 | 0 | 0 | 0 |
| 13 | 327.48 | 20,426 | -4 | 0 | 0 | 0 | -4 |
| 14 | 327.49 | 20,430 | 4 | 2 | 0 | 0 | 0 |
| 15 | 327.49 | 20,430 | 0 | 0 | 0 | 0 | 0 |
| 16 | 327.48 | 20,426 | -4 | 0 | 0 | 0 | -4 |
| 17 | 327.50 | 20,435 | 9 | 5 | 0 | 0 | -1 |
| 18 | 327.48 | 20,426 | -9 | 0 | 0 | 0 | -9 |
| 19 | 327.48 | 20,426 | 0 | 0 | 0 | 0 | 0 |
| 20 | 327.49 | 20,430 | 4 | 2 | 0 | 0 | 0 |
| 21 | 327.49 | 20,430 | 0 | 0 | 0 | 0 | 0 |
| 22 | 327.50 | 20,435 | 5 | 3 | 0 | 0 | -1 |
| 23 | 327.51 | 20,440 | 5 | 3 | 0 | 0 | -1 |
| 24 | 327.52 | 20,444 | 4 | 2 | 0 | 0 | 0 |
| 25 | 327.53 | 20,449 | 5 | 3 | 0 | 0 | -1 |
| 26 | 327.51 | 20,440 | -9 | 0 | 0 | 0 | -9 |
| 27 | 327.48 | 20,426 | -14 | 0 | 0 | 0 | -14 |
| 28 | 327.47 | 20,421 | -5 | 0 | 0 | 0 | -5 |
| 29 | 327.46 | 20,416 | -5 | 0 | 0 | 0 | -5 |
| 30 | 327.46 | 20,416 | 0 | 0 | 0 | 0 | 0 |
| Total | | | -38 | 27 | 0 | 0 | -92 |
| Mean cfs | | | --- | 1 | 0 | 0 | --- |
| Acre-feet | | | -38 | 54 | 0 | 0 | -92 |

Table 18. Consolidated State-Federal Little Panoche Reservoir

Daily Operations

April 2001

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity: 5,580 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

| Date | Water Surface Elev. (in feet) | Storage (ac-ft) 1/ | Storage Change (ac-ft) 1/ | Estimated Inflow (cfs) | Estimated Outflow (cfs) | | Computed Losses (-) Gains (+) (ac-ft) 1/ |
|-----------|----------------------------------|--------------------------|---------------------------------|---------------------------|-------------------------|--------|---|
| | | | | | Spill | Outlet | |
| Mar 31 | 602.65 | 829 | | | 2 | 0 | 2 |
| 1 | Not Observed | | | | 2 | 0 | 2 |
| 2 | Not Observed | | | | 2 | 0 | 2 |
| 3 | Not Observed | | | | 2 | 0 | 2 |
| 4 | Not Observed | | | | 2 | 0 | 2 |
| 5 | Not Observed | | | | 2 | 0 | 2 |
| 6 | Not Observed | | | | 2 | 0 | 2 |
| 7 | 602.65 | 829 | 0 | 2 | 0 | 0 | 2 |
| 8 | 602.65 | 829 | 0 | 2 | 0 | 0 | 2 |
| 9 | Not Observed | | | | 2 | 0 | 2 |
| 10 | Not Observed | | | | 2 | 0 | 2 |
| 11 | Not Observed | | | | 2 | 0 | 2 |
| 12 | Not Observed | | | | 2 | 0 | 2 |
| 13 | Not Observed | | | | 2 | 0 | 2 |
| 14 | Not Observed | | | | 2 | 0 | 2 |
| 15 | Not Observed | | | | 2 | 0 | 2 |
| 16 | Not Observed | | | | 2 | 0 | 2 |
| 17 | Not Observed | | | | 2 | 0 | 2 |
| 18 | Not Observed | | | | 2 | 0 | 2 |
| 19 | Not Observed | | | | 2 | 0 | 2 |
| 20 | 602.65 | 829 | 0 | 2 | 0 | 0 | 2 |
| 21 | Not Observed | | | | 2 | 0 | 2 |
| 22 | Not Observed | | | | 2 | 0 | 2 |
| 23 | Not Observed | | | | 2 | 0 | 2 |
| 24 | Not Observed | | | | 2 | 0 | 2 |
| 25 | Not Observed | | | | 2 | 0 | 2 |
| 26 | Not Observed | | | | 2 | 0 | 2 |
| 27 | 602.65 | 829 | 0 | 2 | 0 | 0 | 2 |
| 28 | Not Observed | | | | 2 | 0 | 2 |
| 29 | Not Observed | | | | 2 | 0 | 2 |
| 30 | 602.65 | 829 | 0 | 2 | 0 | 0 | 2 |
| Total | | | 0 | 60 | 0 | 60 | --- |
| Mean cfs | | | --- | 2 | 0 | 2 | --- |
| Acre-feet | | | 0 | 119 | 0 | 119 | 0 |

1/ Not available on a daily basis

Table 19a. Governor Edmund G. Brown California Aqueduct
San Luis Field Division, Monthly Deliveries

(In acre-feet)

April 2001

| Reach No. | Operating Pool | | | Turnout | Total Diversions | Deliveries | | | | |
|-----------|----------------------|--|--------|------------------------------------|------------------|------------|----------|----------------|-----------------|--|
| | Beginning and Ending | | No. | | | USBR | Transfer | DWR Recreation | USBR Recreation | |
| | No. | Structure | Mile | | | | | | | |
| 2B | 12 | Check No. 12 | 66.71 | | 80,901 | | | | | |
| 3 | 13 | O'Neill Forebay and San Luis Reservoir Outlet Check No. 13 | 70.85 | Department of Parks and Recreation | | | | | | |
| | | | | Department of Fish & Game | 99 | | | 54 | 45 | |
| | | | 70.91 | San Luis Water District | 608 | 608 | | | | |
| | | | 85.08 | (Floodwater Inflow) | 0 | | | | | |
| | | | | Reach 3 Subtotal: | 707 | 608 | 0 | 54 | 45 | |
| | | Dos Amigos Pumping Plant | 86.73 | | 166,928 | | | | | |
| 4 | 14 | | 89.03 | | | 3,895 | | | | |
| | | | Thru | San Luis Water District | 3,895 | | | | | |
| | | | 94.06 | | | | | | | |
| | | | 89.66 | Pacheco Water District | 883 | 883 | | | | |
| | | | Thru | | | | | | | |
| | | | 89.67 | | | | | | | |
| | | | 89.68 | Panoche Water District | 8 | 8 | | | | |
| | | | 89.70 | City of Dos Palos | 92 | 92 | | | | |
| | | Check No. 14 | 95.06 | | | | | | | |
| | | | 98.15 | San Luis Water District | 304 | 304 | | | | |
| 4 | 15 | | Thru | | | | | | | |
| | | | 104.20 | | | | | | | |
| | | | 96.15 | Panoche Water District | 1,511 | 1,511 | | | | |
| | | | Thru | | | | | | | |
| | | | 102.64 | (Floodwater Inflow) | | | | | | |
| | | | 102.64 | Broadview Water District | 1 | 1 | | | | |
| | | | 105.22 | Westlands Water District | 6,841 | 6,841 | | | | |
| | | | Thru | | | | | | | |
| | | | 108.64 | | | | | | | |
| | | Check No.15 | 108.50 | | | | | | | |
| | | | | Pacheco Water District Total: | 883 | 883 | 0 | 0 | 0 | |
| | | | | Broadview Water District Total: | 1 | 1 | 0 | 0 | 0 | |
| | | | | City of Dos Palos Total: | 92 | 92 | 0 | 0 | 0 | |
| | | | | SLWD Reach 4 Subtotal: | 4,199 | 4,199 | 0 | 0 | 0 | |
| | | | | Panoche Water District Total: | 1,519 | 1,519 | 0 | 0 | 0 | |
| | | | | SLWD Total: | 4,807 | 4,807 | 0 | 0 | 0 | |
| | | | | Westlands WD Reach 4 Subtotal: | 6,841 | 6,841 | 0 | 0 | 0 | |

Table 19b. Governor Edmund G. Brown California Aqueduct
 San Luis Field Division, Monthly Deliveries (Continued)

(In acre-feet)

April 2001

| Reach No. | Operating Pool | | | Turnout | Total Diversions | Deliveries | | | | | | |
|-----------|----------------------|-------------------------------|--------|---|------------------|------------|----------|----------------|-----------------|--|--|--|
| | Beginning and Ending | | Mile | | | USBR | Transfer | DWR Recreation | USBR Recreation | | | |
| | No. | Structure | | | | | | | | | | |
| 5 | 16 | | 110.52 | (Reverse flow, Kings River) | 0 | 8,797 | | 1 | | | | |
| | | | Thru | Westlands Water District | 8,797 | | | | | | | |
| | | | 122.05 | Department of Fish and Game | 1 | | | | | | | |
| | | Check No. 16 | 122.07 | | | | | | | | | |
| | 17 | | 124.18 | Westlands Water District | 5,464 | 5,464 | | | | | | |
| | | | Thru | | | | | | | | | |
| | | Check No. 17 | 132.74 | | | | | | | | | |
| | 18 | | 133.81 | Westlands Water District (Floodwater Inflow) | 9,327 | 9,327 | | | | | | |
| | | | Thru | | | | | | | | | |
| | | | 142.61 | | | | | | | | | |
| | | Pleasant Valley Pumping Plant | 143.16 | Westlands Water District | 8,893 | 8,893 | | | | | | |
| | | | 143.16 | City of Coalinga | 298 | | 298 | | | | | |
| | | Check No. 18 | 143.23 | | | | | | | | | |
| | | | | Westlands WD Reach 5 Subtotal: | 32,481 | 32,481 | 0 | 0 | 0 | | | |
| 6 | 19 | | 145.26 | Westlands Water District | 16,702 | 16,702 | | | | | | |
| | | | Thru | | | | | | | | | |
| | | | 151.19 | | | | | | | | | |
| | | Check No. 19 | 155.64 | | | | | | | | | |
| | | | | Westlands WD Reach 6 Subtotal: | 16,702 | 16,702 | 0 | 0 | 0 | | | |
| 7 | 20 | | 156.34 | City of Huron | 99 | 99 | | | | | | |
| | | | 156.40 | Westlands Water District | 6,717 | | 6,717 | | | | | |
| | | | Thru | | | | | | | | | |
| | | | 163.69 | | | | | | | | | |
| | | Check No. 20 | 164.69 | | | | | | | | | |
| | 21 | | 164.79 | City of Avenal | 165 | 165 | | | | | | |
| | | | 167.04 | Westlands Water District | 2,303 | | 2,303 | | | | | |
| | | | Thru | | | | | | | | | |
| | | | 171.67 | | | | | | | | | |
| | | Check No. 21 | 172.40 | | 96,029 | | | | | | | |
| | | | | Reach 7 Total: | 9,284 | 9,284 | 0 | 0 | 0 | | | |
| | | | | Westlands WD Total: | 65,044 | 65,044 | 0 | 0 | 0 | | | |
| | | | | City of Coalinga Total: | 298 | 298 | 0 | 0 | 0 | | | |
| | | | | City of Huron Total: | 99 | 99 | 0 | 0 | 0 | | | |
| | | | | City of Avenal Total: | 165 | 165 | 0 | 0 | 0 | | | |
| | | | | Phase I Water Total: | 10 | 10 | 0 | 0 | 0 | | | |
| | | | | Total San Luis Field Division Deliveries: | 73,018 | 72,918 | 0 | 55 | 45 | | | |

Table 20. Consolidated State-Federal San Luis Canal 1/

Daily Operations
April 2001

United States
Department of the Interior
Bureau of Reclamation
Central Valley Project

State of California
The Resources Agency
Department of Water Resources
State Water Project

| Date | Storage In Canal (ac-ft) | Storage Change (ac-ft) | Inflow (cfs) | | Outflow (cfs) | | | | Computed Losses (-) Gains (+) (cfs) |
|-----------|--------------------------------|------------------------------|-----------------------|--------------------------------|------------------------|------------|---------------------------|--------------------------|--|
| | | | Non- Project 2/ | Dos Amigos Pumping Plant | Pools 14 & 15 3/ | Pool 15 | Pools 15 thru 21 4/ | Flow Past Check 21 | |
| Mar 31 | 30,439 | | | | | | | | |
| 5/ 1 | 30,376 | -63 | 0 | 4,694 | 80 | 55 | 1,445 | 3,275 | 127 |
| 2 | 30,129 | -247 | 0 | 3,659 | 92 | 36 | 1,331 | 2,414 | 90 |
| 3 | 29,612 | -517 | 0 | 2,985 | 95 | 33 | 1,361 | 2,223 | 466 |
| 4 | 28,658 | -954 | 0 | 3,869 | 96 | 34 | 1,363 | 2,743 | -114 |
| 5 | 28,638 | -20 | 0 | 4,009 | 102 | 52 | 1,348 | 2,392 | -125 |
| 6 | 28,914 | 276 | 0 | 4,433 | 113 | 53 | 1,352 | 2,564 | -212 |
| 7 | 29,244 | 330 | 0 | 3,793 | 107 | 46 | 1,319 | 2,182 | 27 |
| 8 | 29,327 | 83 | 0 | 4,516 | 115 | 43 | 1,310 | 3,309 | 303 |
| 9 | 29,826 | 499 | 1 | 2,145 | 116 | 43 | 840 | 1,045 | 149 |
| 10 | 28,752 | -1,074 | 5 | 1,293 | 82 | 15 | 750 | 1,000 | 7 |
| 11 | 28,615 | -137 | 2 | 1,834 | 92 | 16 | 755 | 897 | -145 |
| 12 | 27,496 | -1,119 | 0 | 1,993 | 98 | 15 | 960 | 1,553 | 69 |
| 13 | 28,582 | 1,086 | 0 | 3,038 | 90 | 15 | 963 | 1,363 | -59 |
| 14 | 28,630 | 48 | 0 | 2,057 | 80 | 15 | 756 | 1,050 | -132 |
| 15 | 28,984 | 354 | 0 | 2,576 | 70 | 21 | 853 | 1,759 | 305 |
| 16 | 28,130 | -854 | 0 | 1,888 | 96 | 30 | 727 | 1,557 | 91 |
| 17 | 28,212 | 82 | 0 | 1,843 | 89 | 26 | 1,083 | 536 | -67 |
| 18 | 27,359 | -853 | 0 | 2,333 | 75 | 19 | 1,011 | 1,428 | -230 |
| 19 | 27,243 | -116 | 0 | 2,323 | 95 | 8 | 1,057 | 1,182 | -40 |
| 20 | 27,587 | 344 | 0 | 2,214 | 95 | 6 | 1,263 | 738 | 61 |
| 21 | 27,927 | 340 | 0 | 2,576 | 93 | 8 | 1,164 | 1,238 | 99 |
| 22 | 28,801 | 874 | 0 | 3,666 | 68 | 15 | 1,134 | 2,048 | 40 |
| 23 | 28,792 | -9 | 0 | 2,200 | 72 | 18 | 1,092 | 1,124 | 102 |
| 24 | 28,197 | -595 | 0 | 2,305 | 68 | 15 | 1,178 | 1,341 | -3 |
| 25 | 28,173 | -24 | 0 | 2,450 | 68 | 15 | 1,078 | 1,067 | -234 |
| 26 | 28,077 | -96 | 0 | 2,612 | 70 | 15 | 1,262 | 1,359 | 46 |
| 27 | 28,542 | 465 | 0 | 2,627 | 72 | 23 | 1,258 | 1,055 | 16 |
| 28 | 28,979 | 437 | 0 | 2,218 | 59 | 21 | 1,047 | 654 | -217 |
| 29 | 28,634 | -345 | 0 | 3,163 | 80 | 20 | 1,024 | 2,173 | -40 |
| 30 | 29,056 | 422 | 0 | 2,848 | 83 | 33 | 998 | 1,146 | -375 |
| Total | | -1,383 | 8 | 84,160 | 2,611 | 764 | 33,082 | 48,414 | 4 |
| Mean cfs | | --- | 0 | 2,791 | 87 | 25 | 1,109 | 1,611 | 0 |
| Acre-feet | | -1,383 | 16 | 166,928 | 5,178 | 1,515 | 65,618 | 96,029 | 13 |

1/ San Luis Canal includes Pools 14 through 21 of the California Aqueduct.

2/ Pump In of Non-Project Water and Flood Water (16 AF) is included in the gain or loss.

3/ Includes 882 AF AG & 1 AF M&I to Pacheco W.D. and 92 AF to the City of Dos Palos.

4/ Includes 99 AF to the City of Huron, 165 AF to the City of Avenal, 298 AF to the City of Coalinga, 10 AF Phase I Water in pool 15 @ 2R, 1 AF to Broadview W.D., and 1 AF to F&G @ WWD Lateral 4L.

5/ 23 hr. day; the factor for converting CFS/AF is 1.9008.

Table 21. San Joaquin Field Division Plant Data

(in acre-feet)

April 2001

23

| Date | Coastal Aqueduct | | | | | California Aqueduct | | | |
|-------|-------------------------------|------------------------------|------------------------------|----------------------------|-------------------------------|------------------------------|--------------------------|---------------------------|----------------------------|
| | Las Perillas Pumping Plant | Badger Hill Pumping Plant | Devil's Den Pumping Plant | Bluestone Pumping Plant | Polonio Pass Pumping Plant | Buena Vista Pumping Plant | Teerink Pumping Plant | Chrisman Pumping Plant | Edmonston Pumping Plant |
| 1 | 75 | 75 | 49 | 46 | 51 | 5,213 | 5,189 | 5,101 | 5,068 |
| 2 | 84 | 84 | 47 | 43 | 48 | 3,555 | 3,512 | 3,313 | 3,279 |
| 3 | 94 | 94 | 53 | 49 | 54 | 3,760 | 3,575 | 3,426 | 3,566 |
| 4 | 315 | 315 | 67 | 62 | 68 | 3,307 | 2,943 | 2,950 | 2,815 |
| 5 | 51 | 51 | 60 | 55 | 58 | 3,396 | 3,285 | 3,182 | 3,118 |
| 6 | 90 | 90 | 43 | 40 | 44 | 3,895 | 3,861 | 3,778 | 3,706 |
| 7 | 63 | 63 | 45 | 42 | 46 | 4,237 | 4,279 | 4,124 | 4,139 |
| 8 | 85 | 85 | 69 | 64 | 68 | 7,329 | 7,274 | 7,168 | 6,986 |
| 9 | 76 | 76 | 49 | 47 | 52 | 1,988 | 1,951 | 1,934 | 1,898 |
| 10 | 42 | 42 | 38 | 36 | 38 | 2,157 | 2,136 | 2,026 | 2,043 |
| 11 | 23 | 23 | 14 | 14 | 15 | 2,343 | 2,269 | 2,281 | 2,195 |
| 12 | 57 | 57 | 69 | 65 | 71 | 3,330 | 3,149 | 3,103 | 2,992 |
| 13 | 128 | 128 | 53 | 50 | 53 | 2,756 | 2,652 | 2,713 | 2,632 |
| 14 | 144 | 144 | 61 | 56 | 62 | 2,294 | 2,359 | 2,337 | 2,165 |
| 15 | 99 | 99 | 51 | 49 | 55 | 5,197 | 5,203 | 5,227 | 5,157 |
| 16 | 114 | 114 | 41 | 39 | 43 | 2,255 | 2,137 | 2,087 | 1,964 |
| 17 | 234 | 234 | 134 | 122 | 134 | 2,029 | 1,829 | 1,817 | 1,800 |
| 18 | 162 | 162 | 59 | 56 | 61 | 2,411 | 2,008 | 1,842 | 1,781 |
| 19 | 143 | 143 | 60 | 56 | 62 | 2,291 | 1,877 | 1,842 | 1,855 |
| 20 | 163 | 163 | 61 | 56 | 60 | 1,846 | 1,678 | 1,626 | 1,473 |
| 21 | 191 | 191 | 59 | 56 | 60 | 2,210 | 2,115 | 2,124 | 2,054 |
| 22 | 117 | 117 | 67 | 63 | 68 | 4,784 | 4,415 | 4,566 | 4,512 |
| 23 | 201 | 201 | 53 | 50 | 54 | 1,990 | 2,108 | 2,013 | 1,994 |
| 24 | 267 | 267 | 47 | 45 | 49 | 2,450 | 2,333 | 2,172 | 2,097 |
| 25 | 228 | 228 | 50 | 46 | 50 | 2,415 | 2,344 | 2,122 | 2,097 |
| 26 | 216 | 216 | 68 | 63 | 69 | 2,264 | 2,114 | 1,948 | 1,811 |
| 27 | 210 | 210 | 68 | 64 | 69 | 1,841 | 1,523 | 1,454 | 1,424 |
| 28 | 313 | 313 | 66 | 64 | 67 | 1,530 | 1,196 | 1,199 | 1,256 |
| 29 | 242 | 242 | 64 | 60 | 65 | 3,975 | 4,011 | 3,833 | 3,653 |
| 30 | 216 | 216 | 44 | 41 | 45 | 2,667 | 2,387 | 2,236 | 2,242 |
| Total | 4,443 | 4,443 | 1,709 | 1,599 | 1,739 | 91,715 | 87,712 | 85,544 | 83,772 |

Table 22a. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries

(In acre-feet)

April 2001

| Reach No. | Operating Pool | | | Turnout | Total Diversions | Deliveries | | | | | | |
|-----------|----------------------|--------------|--------|-----------------------------------|--------------------------------|-------------|----------|-----------------|-------------|----------|--|--|
| | Beginning and Ending | | | | | Entitlement | Local 1/ | Purchase Pool A | Exchange 2/ | MWD Ent. | | |
| | No. | Structure | Mile | | | | | | | | | |
| 7 | 21 | Check No. 21 | 172.40 | | 96,029 | | | | | | | |
| 8C | 22 | | | Empire West Side Irrig. Dist. | | | | | | | | |
| | | | | TL - A | 0 | | | | | | | |
| | | | | County of Kings | | | | | | | | |
| | | | | TL - A | 0 | | | | | | | |
| | | | | TLBWS D TL-A | 2,866 | | | | | | | |
| | | | | 175.18 | DRWD - 1 | 40 | 40 | | | | | |
| | | | | 177.54 | DRWD - 1B | 170 | 170 | | | | | |
| | | | | 180.64 | TLBWS D - C | 0 | | | | | | |
| | | | | 180.65 | DRWD - 1A | 3 | 3 | | | | | |
| | | | | 182.99 | DRWD - 2 | 1,000 | 1,000 | | | | | |
| 8D | | | | 183.00 | Tulare Lake Basin WSD | 6,551 | | | | | | |
| | | | | TL - B | | | | | | | | |
| 31A | | | | 184.63 | Coastal Branch | 4,443 | | | | | | |
| 8D | | | | 184.78 | Dudley Ridge Water Dist. | | | | | | | |
| | | | | DRWD - 3 | 429 | | 429 | | | | | |
| 9 | 23 | | | Dudley Ridge Reach 8D Total: | 1,642 | | 1,642 | 0 | 0 | 0 | | |
| | | | | Tulare Lake Basin WSD Total: | 9,417 | | 0 | 0 | 477 | 8,940 | | |
| | | | | Check No. 22 | 184.82 | | | | | | | |
| | | | | 189.69 | Kern County Water Agency | | | | | | | |
| | | | | Lost Hills Water Dist. - 1 | 1,059 | | 89 | 970 | | | | |
| | | | | 191.18 | Kern County Water Agency | | 35 | 382 | | | | |
| | | | | Lost Hills Water Dist. - 2 | 417 | | 17 | 188 | | | | |
| 10A | 24 | | | 194.22 | Kern County Water Agency | | | | | | | |
| | | | | Lost Hills Water Dist. - 3 | 205 | | 40 | 436 | | | | |
| | | | | 196.40 | Kern County Water Agency | | | | | | | |
| | | | | Berrenda Mesa - 2 | 0 | | 181 | 1,976 | 0 | 0 | | |
| | | | | 196.75 | Kern County Water Agency | | | | | | | |
| | | | | Lost Hills Water Dist. - 4 | 476 | | | | | | | |
| | | | | | K.C.W.A. Reach 9 Subtotal: | 2,157 | | | | | | |
| | | | | Check No. 23 | 197.05 | | | | | | | |
| | | | | 201.24 | Kern County Water Agency | | | | | | | |
| | | | | Lost Hills Water Dist. - 7 | 420 | | 37 | 383 | | | | |
| 10A | 25 | | | 202.05 | Kern County Water Agency | | 55 | 598 | | | | |
| | | | | Lost Hills Water Dist. - 5 | 653 | | | | | | | |
| | | | | 204.69 | Kern County Water Agency | | | | | | | |
| | | | | Lost Hills Water Dist. - 6 | 0 | | | | | | | |
| | | | | 205.26 | Kern County Water Agency | | | | | | | |
| | | | | Lost Hills Water Dist. - 8 | 0 | | | | | | | |
| | | | | Check No. 24 | 207.94 | | | | | | | |
| | | | | 209.71 | Kern County Water Agency | | | | | | | |
| | | | | Belridge Water Storage Dist. - 1A | 1,175 | | 98 | 1,077 | | | | |
| | | | | 209.78 | Kern National Wildlife Refuge | | | | | | | |
| | | | | USBR BV-1B | 0 | | | | | | | |
| | | | | 209.80 | Kern County Water Agency | | | | | | | |
| | | | | Buena Vista WSD 1B | 0 | | | | | | | |
| | | | | | KCWA Sempitropic WSD | 288 | | | | | | |
| | | | | | KCWA Sempitropic WSD Penstocks | 0 | | | | | | |
| | | | | | USBR Total: | 0 | | | | | | |
| | | | | | K.C.W.A. Reach 10A Subtotal: | 2,536 | | | | | | |

1/ Return of water that the contractor had pumped into the aqueduct.

2/ Westlands Water District water delivered to Tulare Lake Basin WSD according to an agricultural exchange agreement drafted by SWPAO.

Table 22b. Governor Edmund G. Brown California Aqueduct
San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

April 2001

| Reach No. | Operating Pool | | | Turnout | Total Diversions | Deliveries | | | | | | |
|-----------|----------------------|--------------|------------------------------|--|------------------|-------------|----------|----------------|-------|----------|--|--|
| | Beginning and Ending | | Mile | | | Entitlement | Local 2/ | MWD Ent. Exch. | Exch. | MWD Ent. | | |
| | No. | Structure | | | | | | | | | | |
| 11B | 25 | | 210.75 | Kern County Water Agency Belridge - 2 | 0 | 632 | 6,095 | | | | | |
| | | | 214.11 | Kern County Water Agency Belridge - 3 | 0 | | | | | | | |
| | | | 216.62 | Kern County Water Agency Belridge - 4 | 0 | | | | | | | |
| | | | 217.13 | Kern County Water Agency Belridge - 5 | 6,727 | | | | | | | |
| | | | | Kern County Water Agency Belridge - 5D | 0 | | | | | | | |
| | | Check No. 25 | 217.79 | | | | | | | | | |
| | | | | K.C.W.A. Reach 11B Subtotal: | 6,727 | | | | | | | |
| 12D | 26 | | 219.58 | Kern County Water Agency Belridge - 6 | 0 | | | | | | | |
| | | Check No. 26 | 224.92 | | | | | | | | | |
| 12E | 27 | | 230.37 | Kern County Water Agency Buena Vista - 6 | 0 | | | | | | | |
| | | | Check No. 27 | 231.73 | | | | | | | | |
| | | | 235.75 | Kern County Water Agency Buena Vista - 2 | 0 | | | | | | | |
| | | | | Kern County WA CVC | 0 | | | | | | | |
| | | | | DRWD CVC | 0 | | | | | | | |
| | | | | Tulare Co. | 0 | | | | | | | |
| | | | 238.04 | Lower Tule River | 0 | | | | | | | |
| | | | | Fresno Co. | 0 | | | | | | | |
| | | | | Pixley ID | 0 | | | | | | | |
| | | | | Hacienda DWR Wells | 0 | | | | | | | |
| | | Check No. 28 | 238.11 | | | | | | | | | |
| | | | | 1/ Arvin Edison Total: | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | | | Reach 12E Subtotal: | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 13B | 29 | | 238.19 | Kern Water Bank Inflow | 0 | | 5 | | | | | |
| | | | | Kern Water Bank Outflow | 5 | | | | | | | |
| | | | 241.02 | Kern River Intertie (inflow) | 0 | | | | | | | |
| | | | 242.85 | KCWA Buena Vista WSD - 7 | 0 | | | | | | | |
| | | | | KCWA Buena Vista WSD - 5 | 0 | | | | | | | |
| | | | 243.09 | Kern County Water Agency Buena Vista - 3 | 0 | | | | | | | |
| | | | Check No. 29 | Buena Vista WSD | 0 | | | | | | | |
| | 30 | | 249.85 | Kern County Water Agency Buena Vista - 4 | 0 | | | | | | | |
| | | | Buena Vista Pumping Plant | 250.99 | 91,715 | | | | | | | |
| | | | | K.C.W.A. Reach 13B Subtotal: | 5 | 0 | 5 | 0 | 0 | 0 | | |
| 14A | 31 | | 254.47 | Kern County Water Agency West Kern - 2 | 0 | 11 | 124 | | | | | |
| | | | 256.11 | Kern County Water Agency Wheeler Ridge-Maricopa - 2 | 135 | | | | | | | |

1/ Arvin Edison Contractors include Rag Gulch WD, Kern-Tulare WD, Fresno County, Hills Valley ID, Tri Valley WD, Tulare County, Lower Tule River ID, and Pixley ID.

2/ Return of water that the contractor had pumped into the aqueduct.

Table 22c. Governor Edmund G. Brown California Aqueduct
San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

April 2001

| Reach No. | Operating Pool | | | Turnout | Total Diver-sions | Deliveries | | | | | | |
|-----------|-------------------------|--------------|--------|--|-------------------|--------------|----------|----------------|-------|----------|--|--|
| | Beginning and Ending | | | | | Entitle-ment | Local 1/ | MWD Ent. Exch. | Exch. | MWD Ent. | | |
| | No. | Structure | Mile | | | | | | | | | |
| 14A | 31 | Check No. 31 | 256.14 | | | 18 | 196 | | | | | |
| | 32 | | 258.61 | Kern County Water Agency Wheeler Ridge-Maricopa - 3 | 214 | | | | | | | |
| | | | 260.44 | Kern County Water Agency Wheeler Ridge-Maricopa - 4 | 579 | 48 | 531 | | | | | |
| | | Check No. 32 | 261.72 | | | | | | | | | |
| | | | | KCWA Reach 14A Subtotal: | 928 | 77 | 851 | 0 | 0 | 0 | | |
| 14B | 33 | | 264.42 | Kern County Water Agency Wheeler Ridge-Maricopa - 5 | 1,947 | 163 | 1,784 | | | | | |
| | | | 266.91 | Kern County Water Agency Wheeler Ridge-Maricopa - 6 | 216 | | | | | | | |
| | | Check No. 33 | 267.36 | | | | | | | | | |
| | 34 | | 270.24 | Kern County Water Agency Wheeler Ridge-Maricopa - 7 | 618 | 52 | 566 | | | | | |
| | | Check No. 34 | 271.27 | | | | | | | | | |
| | | | | Reach 14B Total: | 2,781 | 233 | 2,548 | 0 | 0 | 0 | | |
| 14C | 35 | | 272.39 | Kern County Water Agency Wheeler Ridge-Maricopa - 8 | 1,137 | 94 | 1,043 | | | | | |
| | | | 276.09 | Kern County Water Agency Wheeler Ridge-Maricopa - 9 | 673 | | | | | | | |
| | | | | Reach 14C Total: | 1,810 | | | | | | | |
| | Teerink Pumping Plant | 278.13 | | | 87,712 | 150 | 1,660 | 0 | 0 | 0 | | |
| 15A | 36 | | 279.02 | Kern County Water Agency Wheeler Ridge-Maricopa - 9A | 220 | 18 | 202 | | | | | |
| | | | 280.06 | Kern County Water Agency Wheeler Ridge-Maricopa - 10 | 1,265 | | | | | | | |
| | | | | Reach 15-A Total: | 1,485 | | | | | | | |
| | Chrisman Pumping Plant | 280.36 | | | 85,544 | 124 | 1,361 | 0 | 0 | 0 | | |
| 16A | 37 | | 282.06 | Kern County Water Agency Wheeler Ridge-Maricopa - 11 | 0 | | | | | | | |
| | | Check No. 37 | 283.95 | | | | | | | | | |
| | 38 | | 285.01 | Kern County Water Agency Wheeler Ridge-Maricopa - 12 | 13 | 13 | 39 | | | | | |
| | | | 286.39 | Kern County Water Agency Wheeler Ridge-Maricopa - 13A | 43 | | | | | | | |
| | | | 287.06 | Kern County Water Agency Wheeler Ridge-Maricopa - 13 | 0 | | | | | | | |
| | Check No. 38 | 287.09 | | | | | | | | | | |
| | 39 | | 287.62 | Kern County Water Agency Wheeler Ridge-Maricopa - 13B | 37 | 3 | 34 | | | | | |
| | | Check No. 39 | 290.21 | | | | | | | | | |
| | 40 | | 291.26 | Kern County Water Agency Wheeler Ridge-Maricopa - 14 | 274 | 23 | 251 | | | | | |
| | | | 293.07 | Kern County Water Agency Wheeler Ridge-Maricopa - 15 | 84 | | | | | | | |
| | | | | Kern County Water Agency Tehachapi Cummings CWD | 401 | | | | | | | |
| | | | | K.C.W.A. Reach 16A Subtotal: | 852 | 401 | 451 | 401 | 0 | 0 | | |
| 17E | Edmonston Pumping Plant | 293.45 | | | 83,772 | | | | | | | |

1/ Return of water that the contractor had pumped into the aqueduct.

Table 23. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Coastal Branch)

(In acre-feet)

April 2001

| Reach No. | Operating Pool | | | Turnout | Total Diversions | Deliveries | | | | | | |
|-----------|----------------|----------------------------|--------|--|------------------|-------------|----------|----------------|-------|-----------------|--|--|
| | | Beginning and Ending | | | | Entitlement | Local 1/ | MWD Ent. Exch. | Exch. | Purchase Pool B | | |
| | No. | Structure | Mile | | | | | | | | | |
| 31A | C-1 | Coastal Branch Control | 0.02 | | 4,443 | 4 | 85 | 2,536 | 0 | 0 | | |
| | | Las Perillas Pumping Plant | 1.16 | | 4,443 | | | | | | | |
| | C-2 | | 3.79 | Green Valley Water District | 0 | | | | | | | |
| | | Badger Hill Pumping Plant | 4.27 | | 4,443 | | | | | | | |
| | C-3 | Coastal Check No. 3 | 7.21 | | | | | | | | | |
| | C-4 | | 9.34 | Castaic Lake WA (Devil's Den WD #1) | 4 | | | | | | | |
| | | Coastal Check No. 4 | 9.34 | | | | | | | | | |
| | C-5 | Coastal Check No. 5 | 12.20 | | | | | | | | | |
| | C-6 | | 13.30 | Kern County Water Agency Berrenda Mesa - 3 | 93 | | | | | | | |
| | | | 14.83 | Kern County Water Agency Berrenda Mesa - DD | 0 | | | | | | | |
| | | | | Kern County Water Agency Berrenda Mesa - PO | 2,751 | | | | | | | |
| | | Devil's Den Pumping Plant | 14.86 | | 1,709 | | | | | | | |
| | | | | K.C.W.A. Reach 31A Subtotal: | 2,844 | | | | | | | |
| | | | | K.C.W.A. Total: | 22,125 | | | | | | | |
| 33A | C-7 | Bluestone Pumping Plant | 19.05 | | 1,599 | 1,315 | 336 | 0 | 0 | 0 | | |
| | C-8 | Polonio Pass Pumping Plant | 26.54 | | 1,739 | | | | | | | |
| | C-9 | Tank Site 1 | 27.81 | (CCWA) Polonio Pass Treatment Plant | | | | | | | | |
| | C-10 | Shandon T.O. | 38.23 | Santa Barbara County (CCWA) | 1,315 | | | | | | | |
| | | Tank Site 2 | 58.63 | Central Coast: | 0 | | | | | | | |
| 34 | C-11 | Chorro Valley T.O. | 69.31 | San Luis Obispo County (CCWA) | 336 | | | | | | | |
| | | Energy Dissipater | 78.12 | | | | | | | | | |
| | Lopez T.O. | 85.86 | | SLOCFC & WCD | 0 | 1,651 | 0 | 0 | 0 | 0 | | |
| 35 | C-12 | | | CCWA Total: | 1,651 | | | | | | | |
| | | Guadalupe T.O. | 102.70 | SBCFC & WCD | 0 | | | | | | | |
| | | Santa Maria T.O. | 107.43 | SBCFC & WCD | 0 | | | | | | | |
| 38 | | So. Cal. Water T.O. | 109.20 | SBCFC & WCD | 0 | | | | | | | |
| | | | | SBCFC & WCD Total: | 0 | | | | | | | |
| 38 | Tank Site 5 | 115.42 | | | | | | | | | | |

1/ Return of water that the contractor had pumped into the aqueduct.

Table 24. Southern Field Division Plant Data

(in acre-feet)

April 2001

| Date | West Branch | | | | | East Branch | | | | | | | Devil Canyon Powerplant Generation | |
|-------|-------------------------|------------------|---------|--------------------|----------|------------------|-------------------------|---------------------|---------------------------------|--------------------------|---------|-----------------|---|--|
| | Oso Pumping Plant | Warne Powerplant | | Castaic Powerplant | | Alamo Powerplant | | | Pearblossom Pumping Plant | Mojave Siphon Powerplant | | | | |
| | | Generation | Leakage | Generation | Pumpback | Generation | Bypass Through Plant | Cottonwood Chute | | Generation | Leakage | Bypass Flume | | |
| 1 | 2,580 | 1,972 | 0 | 3,555 | 1,159 | 2,613 | 0 | 0 | 2,329 | 2,029 | 0 | 0 | 1,900 | |
| 2 | 1,366 | 2,346 | 0 | 2,871 | 1,165 | 1,846 | 0 | 0 | 1,678 | 1,593 | 0 | 0 | 2,231 | |
| 3 | 1,605 | 1,839 | 0 | 5,176 | 1,618 | 1,784 | 0 | 0 | 1,551 | 1,574 | 0 | 0 | 1,890 | |
| 4 | 1,524 | 1,670 | 0 | 4,662 | 1,747 | 1,341 | 0 | 0 | 1,556 | 1,411 | 0 | 0 | 2,186 | |
| 5 | 1,385 | 1,703 | 0 | 3,835 | 1,758 | 1,757 | 0 | 0 | 1,379 | 1,772 | 0 | 0 | 2,210 | |
| 6 | 1,546 | 1,633 | 0 | 4,633 | 801 | 2,188 | 0 | 0 | 1,792 | 1,641 | 0 | 0 | 2,415 | |
| 7 | 1,713 | 1,254 | 0 | 305 | 1,318 | 2,358 | 0 | 46 | 2,116 | 2,472 | 0 | 0 | 1,843 | |
| 8 | 2,794 | 1,590 | 0 | 1,621 | 3,254 | 3,692 | 0 | 521 | 3,897 | 3,417 | 0 | 0 | 1,721 | |
| 9 | 5 | 0 | 0 | 5,142 | 1,754 | 1,595 | 0 | 183 | 1,777 | 1,648 | 0 | 0 | 1,810 | |
| 10 | 0 | 0 | 0 | 835 | 1,325 | 1,736 | 0 | 251 | 1,788 | 2,132 | 0 | 0 | 2,221 | |
| 11 | 468 | 1,304 | 0 | 583 | 527 | 1,671 | 0 | 42 | 1,511 | 1,924 | 0 | 0 | 2,305 | |
| 12 | 1,390 | 1,258 | 0 | 3,104 | 977 | 1,564 | 0 | 54 | 1,429 | 1,535 | 0 | 0 | 2,009 | |
| 13 | 686 | 1,118 | 0 | 1,923 | 1,913 | 1,799 | 0 | 101 | 1,494 | 1,506 | 0 | 0 | 1,816 | |
| 14 | 474 | 647 | 0 | 3,166 | 2,417 | 1,479 | 0 | 134 | 1,674 | 1,726 | 0 | 0 | 1,856 | |
| 15 | 1,617 | 934 | 0 | 2,564 | 2,548 | 3,597 | 0 | 0 | 3,342 | 3,117 | 0 | 0 | 1,600 | |
| 16 | 640 | 829 | 0 | 9,367 | 1,403 | 1,296 | 0 | 0 | 1,350 | 1,452 | 0 | 0 | 2,160 | |
| 17 | 0 | 0 | 0 | 7,502 | 6,255 | 1,541 | 0 | 230 | 1,488 | 1,315 | 0 | 0 | 1,670 | |
| 18 | 0 | 0 | 0 | 4,960 | 5,416 | 1,508 | 0 | 222 | 1,505 | 1,735 | 0 | 0 | 1,922 | |
| 19 | 0 | 0 | 0 | 3,526 | 2,622 | 1,599 | 0 | 196 | 1,531 | 1,667 | 0 | 0 | 1,675 | |
| 20 | 324 | 308 | 0 | 1,987 | 1,428 | 1,182 | 0 | 0 | 990 | 805 | 0 | 0 | 1,346 | |
| 21 | 608 | 317 | 0 | 135 | 4,005 | 1,386 | 0 | 22 | 1,208 | 1,179 | 0 | 0 | 1,316 | |
| 22 | 1,612 | 1,440 | 0 | 2,554 | 5,131 | 2,933 | 0 | 0 | 2,620 | 2,541 | 0 | 0 | 1,502 | |
| 23 | 565 | 688 | 0 | 6,091 | 2,216 | 1,395 | 0 | 0 | 1,237 | 1,469 | 0 | 0 | 1,369 | |
| 24 | 721 | 985 | 0 | 9,444 | 5,092 | 1,414 | 0 | 0 | 1,203 | 1,138 | 0 | 0 | 1,457 | |
| 25 | 644 | 853 | 0 | 9,220 | 6,437 | 1,403 | 0 | 0 | 1,363 | 1,376 | 0 | 0 | 1,366 | |
| 26 | 385 | 601 | 0 | 6,406 | 6,208 | 1,411 | 0 | 0 | 1,314 | 1,079 | 0 | 0 | 1,617 | |
| 27 | 111 | 130 | 0 | 7,559 | 4,182 | 1,278 | 0 | 0 | 866 | 1,049 | 0 | 0 | 1,512 | |
| 28 | 178 | 0 | 0 | 105 | 5,812 | 1,044 | 0 | 0 | 843 | 966 | 0 | 0 | 1,950 | |
| 29 | 975 | 340 | 0 | 3,086 | 6,318 | 2,704 | 0 | 0 | 2,693 | 2,656 | 0 | 0 | 1,730 | |
| 30 | 821 | 699 | 0 | 6,591 | 3,819 | 1,566 | 0 | 0 | 1,090 | 983 | 0 | 0 | 2,131 | |
| Total | 26,737 | 26,458 | 0 | 122,508 | 90,625 | 54,680 | 0 | 2,002 | 50,614 | 50,907 | 0 | 0 | 54,736 | |

Table 25. Pyramid Lake
Daily Operation

Capacity: 171,200 ac-ft

(in acre-feet except as noted)

April 2001

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Inflow | | | Outflow | | | Computed Losses (-) And Gains (+) |
|--------|-----------------------------------|---------|----------------|-----------------------------|------------------|-------------|-------------------------------|-----------------------|---------------|--------------------------------------|
| | | | | Project | | Natural | Project | | Natural | |
| | | | | Castaic Powerplant Pumpback | Warne Powerplant | Stream Flow | Castaic Powerplant Generation | Recreation Deliveries | To Piru Creek | |
| Mar 31 | 2576.52 | 167,997 | | | | | | | | |
| 1 | 2576.28 | 167,690 | -307 | 1,159 | 1,972 | 382 | 3,555 | 0 | 296 | 31 |
| 2 | 2576.53 | 168,010 | 320 | 1,165 | 2,346 | 285 | 2,871 | 0 | 296 | -309 |
| 3 | 2575.15 | 166,248 | -1,762 | 1,618 | 1,839 | 251 | 5,176 | 0 | 294 | 0 |
| 4 | 2574.17 | 165,004 | -1,244 | 1,747 | 1,670 | 222 | 4,662 | 0 | 248 | 27 |
| 5 | 2573.88 | 164,637 | -367 | 1,758 | 1,703 | 261 | 3,835 | 0 | 198 | -56 |
| 6 | 2572.12 | 162,421 | -2,216 | 801 | 1,633 | 237 | 4,633 | 0 | 149 | -105 |
| 7 | 2574.14 | 164,966 | 2,545 | 1,318 | 1,254 | 220 | 305 | 0 | 99 | 157 |
| 8 | 2576.73 | 168,267 | 3,301 | 3,254 | 1,590 | 199 | 1,621 | 0 | 99 | -22 |
| 9 | 2574.16 | 164,991 | -3,276 | 1,754 | 0 | 192 | 5,142 | 0 | 99 | 19 |
| 10 | 2574.64 | 165,599 | 608 | 1,325 | 0 | 177 | 835 | 0 | 99 | 40 |
| 11 | 2575.63 | 166,859 | 1,260 | 527 | 1,304 | 163 | 583 | 0 | 99 | -52 |
| 12 | 2575.02 | 166,082 | -777 | 977 | 1,258 | 165 | 3,104 | 0 | 99 | 26 |
| 13 | 2575.88 | 167,179 | 1,097 | 1,913 | 1,118 | 174 | 1,923 | 0 | 99 | -86 |
| 14 | 2575.84 | 167,127 | -52 | 2,417 | 647 | 187 | 3,166 | 0 | 99 | -38 |
| 15 | 2576.61 | 168,113 | 986 | 2,548 | 934 | 200 | 2,564 | 0 | 99 | -33 |
| 16 | 2571.03 | 161,059 | -7,054 | 1,403 | 829 | 218 | 9,367 | 0 | 81 | -56 |
| 17 | 2570.11 | 159,914 | -1,145 | 6,255 | 0 | 220 | 7,502 | 0 | 81 | -37 |
| 18 | 2570.56 | 160,473 | 559 | 5,416 | 0 | 209 | 4,960 | 0 | 81 | -25 |
| 19 | 2569.81 | 159,543 | -930 | 2,622 | 0 | 213 | 3,526 | 0 | 81 | -158 |
| 20 | 2569.77 | 159,493 | -50 | 1,428 | 308 | 176 | 1,987 | 0 | 81 | 106 |
| 21 | 2573.28 | 163,879 | 4,386 | 4,005 | 317 | 160 | 135 | 0 | 81 | 120 |
| 22 | 2576.49 | 167,959 | 4,080 | 5,131 | 1,440 | 169 | 2,554 | 0 | 81 | -25 |
| 23 | 2574.04 | 164,839 | -3,120 | 2,216 | 688 | 200 | 6,091 | 0 | 81 | -52 |
| 24 | 2571.40 | 161,520 | -3,319 | 5,092 | 985 | 221 | 9,444 | 0 | 81 | -92 |
| 25 | 2569.90 | 159,654 | -1,866 | 6,437 | 853 | 228 | 9,220 | 0 | 71 | -93 |
| 26 | 2570.35 | 160,212 | 558 | 6,208 | 601 | 228 | 6,406 | 0 | 71 | -2 |
| 27 | 2567.35 | 156,514 | -3,698 | 4,182 | 130 | 206 | 7,559 | 0 | 61 | -596 |
| 28 | 2572.21 | 162,534 | 6,020 | 5,812 | 0 | 181 | 105 | 0 | 62 | 194 |
| 29 | 2575.08 | 166,159 | 3,625 | 6,318 | 340 | 182 | 3,086 | 0 | 62 | -67 |
| 30 | 2573.51 | 164,169 | -1,990 | 3,819 | 699 | 183 | 6,591 | 0 | 62 | -38 |
| Total | | | | -3,828 | 90,625 | 26,458 | 6,309 | 122,508 | 0 | 3,490 |
| | | | | | | | | | | -1,222 |

Table 26. Elderberry Forebay

Daily Operation

(in acre-feet except as noted)

Capacity: 32,746 ac-ft

April 2001

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Inflow | | Outflow | | | Computed Losses (-) And Gains (+) | |
|--------|-----------------------------------|---------|----------------|-------------------------------|---------|-----------------------------|-----------------|---------|--------------------------------------|--|
| | | | | Castaic Powerplant Generation | Natural | Castaic Powerplant Pumpback | To Castaic Lake | | | |
| | | | | | | | Natural | Project | | |
| Mar 31 | 1508.06 | 18,445 | | | | | | | | |
| 1 | 1507.11 | 18,089 | -356 | 3,555 | 29 | 1,159 | 29 | 2,724 | -28 | |
| 2 | 1505.61 | 17,533 | -556 | 2,871 | 29 | 1,165 | 29 | 2,236 | -26 | |
| 3 | 1514.82 | 21,087 | 3,554 | 5,176 | 28 | 1,618 | 28 | 0 | -4 | |
| 4 | 1513.79 | 20,672 | -415 | 4,662 | 25 | 1,747 | 25 | 3,307 | -23 | |
| 5 | 1514.10 | 20,797 | 125 | 3,835 | 23 | 1,758 | 23 | 1,955 | 3 | |
| 6 | 1523.13 | 24,592 | 3,795 | 4,633 | 70 | 801 | 70 | 0 | -37 | |
| 7 | 1515.94 | 21,543 | -3,049 | 305 | 61 | 1,318 | 61 | 2,095 | 59 | |
| 8 | 1512.11 | 20,005 | -1,538 | 1,621 | 42 | 3,254 | 42 | 0 | 95 | |
| 9 | 1513.27 | 20,464 | 459 | 5,142 | 35 | 1,754 | 35 | 2,851 | -78 | |
| 10 | 1512.07 | 19,989 | -475 | 835 | 33 | 1,325 | 33 | 0 | 15 | |
| 11 | 1512.25 | 20,060 | 71 | 583 | 31 | 527 | 31 | 0 | 15 | |
| 12 | 1517.51 | 22,192 | 2,132 | 3,104 | 29 | 977 | 29 | 0 | 5 | |
| 13 | 1505.64 | 17,544 | -4,648 | 1,923 | 27 | 1,913 | 27 | 4,573 | -85 | |
| 14 | 1507.74 | 18,325 | 781 | 3,166 | 25 | 2,417 | 25 | 0 | 32 | |
| 15 | 1507.88 | 18,378 | 53 | 2,564 | 23 | 2,548 | 23 | 0 | 37 | |
| 16 | 1527.02 | 26,319 | 7,941 | 9,367 | 22 | 1,403 | 22 | 0 | -23 | |
| 17 | 1525.04 | 25,433 | -886 | 7,502 | 22 | 6,255 | 22 | 2,046 | -87 | |
| 18 | 1524.07 | 25,004 | -429 | 4,960 | 22 | 5,416 | 22 | 0 | 27 | |
| 19 | 1526.00 | 25,861 | 857 | 3,526 | 24 | 2,622 | 24 | 0 | -47 | |
| 20 | 1527.26 | 26,427 | 566 | 1,987 | 34 | 1,428 | 34 | 0 | 7 | |
| 21 | 1518.90 | 22,774 | -3,653 | 135 | 25 | 4,005 | 25 | 0 | 217 | |
| 22 | 1512.51 | 20,163 | -2,611 | 2,554 | 21 | 5,131 | 21 | 0 | -34 | |
| 23 | 1515.50 | 21,364 | 1,201 | 6,091 | 19 | 2,216 | 19 | 2,539 | -135 | |
| 24 | 1525.53 | 25,651 | 4,287 | 9,444 | 17 | 5,092 | 17 | 0 | -65 | |
| 25 | 1531.51 | 28,384 | 2,733 | 9,220 | 16 | 6,437 | 16 | 0 | -50 | |
| 26 | 1531.85 | 28,544 | 160 | 6,406 | 15 | 6,208 | 15 | 0 | -38 | |
| 27 | 1532.41 | 28,807 | 263 | 7,559 | 14 | 4,182 | 14 | 3,025 | -89 | |
| 28 | 1519.60 | 23,070 | -5,737 | 105 | 14 | 5,812 | 14 | 0 | -30 | |
| 29 | 1511.77 | 19,872 | -3,198 | 3,086 | 14 | 6,318 | 14 | 0 | 34 | |
| 30 | 1518.43 | 22,576 | 2,704 | 6,591 | 13 | 3,819 | 13 | 0 | -68 | |
| Total | | | | 4,131 | 122,508 | 802 | 90,625 | 802 | 27,351 | |
| | | | | | | | | | -401 | |

Table 27. Castaic Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 323,699 ac-ft

April 2001

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Inflow | | | Outflow | | Computed Losses (-) And Gains (+) | |
|--------|-----------------------------------|---------|----------------|-------------------------|---------|---------|------------|----------------------------|-----------------------------------|--|
| | | | | From Elderberry Forebay | | Natural | Deliveries | Released To Castaic Lagoon | | |
| | | | | Natural | Project | | | | | |
| Mar 31 | 1500.94 | 293,164 | | | | | | | | |
| 1 | 1501.27 | 293,861 | 697 | 29 | 2,724 | 20 | 1,982 | 20 | -74 | |
| 2 | 1501.72 | 294,812 | 951 | 29 | 2,236 | 20 | 1,544 | 20 | 230 | |
| 3 | 1501.05 | 293,396 | -1,416 | 28 | 0 | 19 | 1,420 | 20 | -23 | |
| 4 | 1501.89 | 295,172 | 1,776 | 25 | 3,307 | 18 | 1,646 | 24 | 96 | |
| 5 | 1501.92 | 295,235 | 63 | 23 | 1,955 | 17 | 1,874 | 24 | -34 | |
| 6 | 1501.01 | 293,312 | -1,923 | 70 | 0 | 74 | 2,029 | 24 | -14 | |
| 7 | 1501.19 | 293,692 | 380 | 61 | 2,095 | 42 | 2,069 | 97 | 348 | |
| 8 | 1500.29 | 291,796 | -1,896 | 42 | 0 | 27 | 1,855 | 97 | -13 | |
| 9 | 1500.77 | 292,806 | 1,010 | 35 | 2,851 | 22 | 1,892 | 79 | 73 | |
| 10 | 1500.05 | 291,291 | -1,515 | 33 | 0 | 21 | 1,586 | 50 | 67 | |
| 11 | 1499.06 | 289,216 | -2,075 | 31 | 0 | 20 | 2,057 | 50 | -19 | |
| 12 | 1498.03 | 287,066 | -2,150 | 29 | 0 | 19 | 2,218 | 40 | 60 | |
| 13 | 1499.15 | 289,404 | 2,338 | 27 | 4,573 | 18 | 2,381 | 34 | 135 | |
| 14 | 1497.98 | 286,962 | -2,442 | 25 | 0 | 18 | 2,482 | 28 | 25 | |
| 15 | 1496.81 | 284,532 | -2,430 | 23 | 0 | 18 | 2,538 | 28 | 95 | |
| 16 | 1495.61 | 282,052 | -2,480 | 22 | 0 | 17 | 2,530 | 28 | 39 | |
| 17 | 1495.37 | 281,558 | -494 | 22 | 2,046 | 17 | 2,651 | 28 | 100 | |
| 18 | 1494.08 | 278,909 | -2,649 | 22 | 0 | 17 | 2,645 | 28 | -15 | |
| 19 | 1492.82 | 276,336 | -2,573 | 24 | 0 | 19 | 2,207 | 28 | -381 | |
| 20 | 1491.62 | 273,899 | -2,437 | 34 | 0 | 34 | 2,561 | 28 | 84 | |
| 21 | 1490.42 | 271,475 | -2,424 | 25 | 0 | 21 | 2,372 | 28 | -70 | |
| 22 | 1489.35 | 269,324 | -2,151 | 21 | 0 | 17 | 2,119 | 28 | -42 | |
| 23 | 1489.59 | 269,806 | 482 | 19 | 2,539 | 16 | 2,135 | 28 | 71 | |
| 24 | 1488.45 | 267,518 | -2,288 | 17 | 0 | 14 | 2,236 | 28 | -55 | |
| 25 | 1487.23 | 265,082 | -2,436 | 16 | 0 | 13 | 2,438 | 0 | -27 | |
| 26 | 1486.03 | 262,698 | -2,384 | 15 | 0 | 14 | 2,425 | 0 | 12 | |
| 27 | 1486.71 | 264,047 | 1,349 | 14 | 3,025 | 14 | 2,199 | 23 | 518 | |
| 28 | 1485.60 | 261,846 | -2,201 | 14 | 0 | 14 | 2,193 | 23 | -13 | |
| 29 | 1484.55 | 259,773 | -2,073 | 14 | 0 | 14 | 2,086 | 23 | 8 | |
| 30 | 1483.44 | 257,591 | -2,182 | 13 | 0 | 14 | 2,104 | 22 | -83 | |
| Total | | | -35,573 | 802 | 27,351 | 628 | 64,474 | 978 | 1,098 | |

Table 28. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (West Branch)

(In acre-feet)

April 2001

| Reach No. | Operating Pool | | | Turnout | Total Diversions | Deliveries | | | | | | |
|-----------|----------------------|-----------------------|-------|---|------------------|-------------|------|----------|-----------------|---------|--|--|
| | Beginning and Ending | | Mile | | | Entitlement | Rec. | Other 2/ | Purchase Pool B | CLWA T1 | | |
| | No. | Structure | | | | | | | | | | |
| 29A | 42 | Oso Pumping Plant | 1.49 | | 26,737 | | | | | | | |
| 29F | W2 | Quail Lake | 5.02 | Antelope Valley-East Kern Water Agency | Removed | | | | | | | |
| | | Quail Lake Embankment | 7.82 | Antelope Valley-East Kern Water Agency | Stub | | | | | | | |
| 29G | | Warne Power Plant | 14.07 | | 26,458 | | | | | | | |
| 29H | W3 | Pyramid Lake | | Calif. State Park Pyramid Recreation | 0 | | | | | | | |
| | | Pyramid Dam | 17.10 | Piru Creek Fish Enhancement | 0 | | | | | | | |
| | | Castaic Power Plant | 25.82 | (90,625 AF pumpback) | 122,508 | | | | | | | |
| 29J | W4 | Elderberry Forebay | | | | | | | | | | |
| | | Forebay Dam | 28.12 | | | | | | | | | |
| 30 1/ | W5 | Castaic Lake | | Calif. State Park Castaic Lake Recreation | 15 | | 15 | | | 1,472 | | |
| | | Castaic Dam | 31.47 | | | | | | | | | |
| | | Castaic Lake Outlet | 31.55 | MWD - 78" | 0 | | | | | | | |
| | | | | MWD - 132" | 61,310 | | | | | | | |
| | | | | Castaic Lake WA - T1 | 1,472 | | | | | | | |
| | | | | Castaic Lake WA | 1,523 | | | | | | | |
| | | | | United Water Conservation Dist. | 0 | | | | | | | |
| | | | | MWD - Ventura County FCD | 154 | | | | | | | |
| | | | | LA Co. Parks & Recreation | 0 | | | | | | | |
| | | | | Releases to Lagoon | 978 | | | | | | | |
| | | | | Reach 30 Subtotal: | 64,474 | 25,517 | 15 | 37,470 | 0 | 1,472 | | |
| | W6 | Castaic Lagoon | | Recreation to Lagoon | 61 | | 61 | | | | | |
| | | Castaic Lagoon Outlet | 31.87 | | 927 | | | | | | | |
| | | | | | | | | | | | | |

1/ Reach 30 actually terminates at mile 31.50. It is shown here as including the outlet works at mile 31.55.

All deliveries from the outlet works and from the Lagoon are billed to Reach 30.

2/ Semi Tropic returned 2,532 AF to MWD and MWD withdrew 34,938 AF from storage.

Table 29. Silverwood Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 74,970 ac-ft

April 2001

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Inflow | | | Outflow | | | | Computed Losses (-) And Gains (+) | Las Flores Ranch Exchange 1/ | |
|--------|-----------------------------------|---------|----------------|---------------------------|---------------------|---------------------|---------|---------------------|-------------------------|--------|-----------------------------------|------------------------------|-----|
| | | | | Mojave Siphon Power-plant | Mojave Bypass Flume | Natural Stream Flow | Project | Del. To Mojave W.A. | Natural To Mojave River | | | | |
| Mar 31 | 3351.71 | 71,796 | | | | | | | | | | | |
| 1 | 3351.91 | 71,987 | 191 | 2,029 | 0 | 21 | 3 | 0 | 1,900 | 0 | 0 | 44 | |
| 2 | 3351.24 | 71,349 | -638 | 1,593 | 0 | 19 | 3 | 0 | 2,231 | 0 | 1 | -15 | |
| 3 | 3350.90 | 71,026 | -323 | 1,574 | 0 | 18 | 3 | 0 | 1,890 | 0 | 0 | -22 | |
| 4 | 3350.22 | 70,384 | -642 | 1,411 | 0 | 18 | 3 | 0 | 2,186 | 0 | 1 | 119 | |
| 5 | 3349.72 | 69,913 | -471 | 1,772 | 0 | 17 | 4 | 0 | 2,210 | 0 | 0 | -46 | |
| 6 | 3348.94 | 69,182 | -731 | 1,641 | 0 | 16 | 3 | 1 | 2,415 | 0 | 1 | 32 | |
| 7 | 3349.77 | 69,960 | 778 | 2,472 | 0 | 102 | 3 | 0 | 1,843 | 0 | 0 | 50 | |
| 8 | 3351.62 | 71,710 | 1,750 | 3,417 | 0 | 61 | 4 | 0 | 1,721 | 0 | 1 | -2 | |
| 9 | 3351.53 | 71,625 | -85 | 1,648 | 0 | 45 | 3 | 0 | 1,810 | 0 | 28 | 63 | |
| 10 | 3351.47 | 71,568 | -57 | 2,132 | 0 | 40 | 3 | 0 | 2,221 | 0 | 34 | 29 | |
| 11 | 3351.23 | 71,340 | -228 | 1,924 | 0 | 40 | 4 | 0 | 2,305 | 0 | 0 | 117 | |
| 12 | 3350.72 | 70,856 | -484 | 1,535 | 0 | 41 | 3 | 0 | 2,009 | 0 | 1 | -47 | |
| 13 | 3350.47 | 70,620 | -236 | 1,506 | 0 | 41 | 3 | 1 | 1,816 | 0 | 0 | 37 | |
| 14 | 3350.35 | 70,506 | -114 | 1,726 | 0 | 41 | 4 | 0 | 1,856 | 0 | 1 | -20 | |
| 15 | 3352.04 | 72,111 | 1,605 | 3,117 | 0 | 37 | 3 | 0 | 1,600 | 0 | 0 | 54 | |
| 16 | 3351.33 | 71,435 | -676 | 1,452 | 0 | 34 | 3 | 0 | 2,160 | 0 | 1 | 2 | |
| 17 | 3351.02 | 71,140 | -295 | 1,315 | 0 | 32 | 4 | 1 | 1,670 | 0 | 0 | 33 | |
| 18 | 3350.71 | 70,847 | -293 | 1,735 | 0 | 25 | 3 | 0 | 1,922 | 0 | 1 | -127 | |
| 19 | 3350.49 | 70,639 | -208 | 1,667 | 0 | 29 | 3 | 0 | 1,675 | 0 | 0 | -226 | |
| 20 | 3350.27 | 70,431 | -208 | 805 | 0 | 29 | 3 | 0 | 1,346 | 0 | 1 | 308 | |
| 21 | 3350.52 | 70,667 | 236 | 1,179 | 0 | 78 | 4 | 0 | 1,316 | 0 | 0 | 299 | |
| 22 | 3351.60 | 71,691 | 1,024 | 2,541 | 0 | 48 | 3 | 0 | 1,502 | 0 | 1 | -59 | |
| 23 | 3351.86 | 71,939 | 248 | 1,469 | 0 | 41 | 3 | 1 | 1,369 | 0 | 0 | 111 | |
| 24 | 3351.58 | 71,672 | -267 | 1,138 | 0 | 37 | 3 | 0 | 1,457 | 0 | 1 | 19 | |
| 25 | 3351.69 | 71,777 | 105 | 1,376 | 0 | 35 | 4 | 0 | 1,366 | 0 | 0 | 64 | |
| 26 | 3351.06 | 71,178 | -599 | 1,079 | 0 | 34 | 3 | 0 | 1,617 | 0 | 1 | -91 | |
| 27 | 3350.63 | 70,771 | -407 | 1,049 | 0 | 31 | 3 | 0 | 1,512 | 0 | 0 | 28 | |
| 28 | 3349.61 | 69,810 | -961 | 966 | 0 | 31 | 3 | 0 | 1,950 | 0 | 1 | -4 | |
| 29 | 3350.67 | 70,809 | 999 | 2,656 | 0 | 28 | 3 | 0 | 1,730 | 0 | 0 | 48 | |
| 30 | 3349.39 | 69,603 | -1,206 | 983 | 0 | 25 | 3 | 0 | 2,131 | 0 | 0 | -80 | |
| Total | | | | -2,193 | 50,907 | 0 | 1094 | 97 | 4 | 54,736 | 0 | 75 | 718 |
| | | | | | | | | | | | | 765 | |

1/ Project water delivered from Mojave Siphon in exchange for like amount of Natural Streamflow.

Table 30. Lake Perris

Daily Operation
(in acre-feet except as noted)

Capacity: 131,452 ac-ft

April 2001

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Inflow 1/ | Outflow 2/ | Computed Losses (-) Gains (+) 1/ |
|--------------|-----------------------------------|---------|----------------|---------------|---------------|--|
| Mar 31 | 1578.48 | 105,732 | | | | |
| 1 | 1578.57 | 105,925 | 193 | | 9 | |
| 2 | 1578.78 | 106,375 | 450 | | 0 | |
| 3 | 1578.96 | 106,761 | 386 | | 17 | |
| 4 | 1579.13 | 107,130 | 369 | | 9 | |
| 5 | 1579.23 | 107,345 | 215 | | 9 | |
| 6 | 1579.42 | 107,755 | 410 | | 153 | |
| 7 | 1579.56 | 108,057 | 302 | | 535 | |
| 8 | 1579.70 | 108,360 | 303 | | 535 | |
| 9 | 1579.85 | 108,685 | 325 | | 535 | |
| 10 | 1579.90 | 108,793 | 108 | | 733 | |
| 11 | 1579.95 | 108,901 | 108 | | 763 | |
| 12 | 1580.06 | 109,140 | 239 | | 802 | |
| 13 | 1580.05 | 109,118 | -22 | | 802 | |
| 14 | 1580.12 | 109,270 | 152 | | 803 | |
| 15 | 1580.22 | 109,487 | 217 | | 587 | |
| 16 | 1580.64 | 110,400 | 913 | | 8 | |
| 17 | 1580.99 | 111,162 | 762 | | 9 | |
| 18 | 1581.41 | 112,080 | 918 | | 9 | |
| 19 | 1581.73 | 112,781 | 701 | | 116 | |
| 20 | 1581.67 | 112,650 | -131 | | 535 | |
| 21 | 1581.68 | 112,671 | 21 | | 535 | |
| 22 | 1581.67 | 112,650 | -21 | | 535 | |
| 23 | 1581.71 | 112,737 | 87 | | 535 | |
| 24 | 1581.73 | 112,781 | 44 | | 535 | |
| 25 | 1581.64 | 112,584 | -197 | | 534 | |
| 26 | 1581.60 | 112,496 | -88 | | 319 | |
| 27 | 1581.58 | 112,452 | -44 | | 13 | |
| 28 | 1581.59 | 112,474 | 22 | | 8 | |
| 29 | 1581.58 | 112,452 | -22 | | 10 | |
| 30 | 1581.57 | 112,430 | -22 | | 8 | |
| Total | | | 6,698 | 19,739 | 10,001 | -3,040 |

1/ Project inflow is a calculated total. Negative total caused by meter measurement inaccuracies (within acceptable tolerances).

2/ Includes deliveries to MWD from Reach 28J and recreation water to California State Park at Lake Perris.

Table 31a. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (East Branch)

(In acre-feet)

April 2001

| Reach No. | Operating Pool | | | Turnout | Total Diversions | Deliveries | | | | | | |
|-----------|----------------------|-------------------------|--------|---|------------------|-------------|-------|-------------|-----------------|--------------------|--|--|
| | Beginning and Ending | | | | | Entitlement | Rec. | Transfer 1/ | Purchase Pool B | Transfer Local Out | | |
| | No. | Structure | Mile | | | | | | | | | |
| 17E | 40 | Edmonston Pumping Plant | 293.45 | | 83,772 | | | | | | | |
| | 41 | | 298.65 | Kern County Water Agency Tej.-Cas | Stub | | | | | | | |
| 17F | | Check No. 41 | 303.41 | | | | | | | | | |
| 18A | 42 | Check No. 42 | 304.99 | | | | | | | | | |
| 19 | 43 | Alamo Powerplant | 305.73 | (Does not include 2,002 AF flow down Cottonwood Chute) | 54,680 | 4 | 2,002 | 113 | | | | |
| | | | 308.05 | Antelope Valley-East Kern WA | 0 | | | | | | | |
| | | Check No. 43 | 309.70 | | | | | | | | | |
| | 44 | | 311.84 | LADWP Connection | 0 | | | | | | | |
| | | | 313.50 | AVEK 245th Street West | 0 | | | | | | | |
| | Check No. 44 | | 314.81 | | | | | | | | | |
| | 45 | | 314.93 | AVEK 235th Street West | 4 | | | | | | | |
| | | | 315.57 | AVEK 225th Street West | 0 | | | | | | | |
| | Check No. 45 | | 319.74 | | | | | | | | | |
| | 46 | | 323.19 | Antelope Valley-East Kern WA Fairmont | 2,115 | | | | | | | |
| | | Check No. 46 | 323.84 | | | | | | | | | |
| | | | | Reach 19 Total: | 2,119 | | 2,006 | 0 | 113 | 0 | | |
| 20A | 47 | Check No. 47 | 326.77 | | | 37 | 1,424 | 55 | | | | |
| | 48 | | 326.91 | Antelope Valley-East Kern WA Willow Springs Siphon | 37 | | | | | | | |
| | | | 329.65 | Antelope Valley-East Kern WA 120th Street West | Removed | | | | | | | |
| | | Check No. 48 | 330.82 | | | | | | | | | |
| | 49 | Check No. 49 | 335.93 | | | | | | | | | |
| | 50 | | 336.73 | Antelope Valley-East Kern WA Quartz Hill | 1,424 | | | | | | | |
| | | | 339.68 | Antelope Valley-East Kern WA Ranch Vista | 55 | | | | | | | |
| 20B | Check No. 50 | | 341.51 | | | | | | | | | |
| | 51 | Check No. 51 | 342.07 | | | | | | | | | |
| | 52 | | 342.80 | Antelope Valley-East Kern WA 30th Street West | Not in Use | | | | | | | |
| | | Check No. 52 | 343.74 | | | | | | | | | |
| | 53 | | 346.98 | PWD Palmdale | 0 | | | | | | | |
| | | | 348.14 | Antelope Valley-East Kern WA Acton Treatment Plant | 0 | | | | | | | |
| 21 | Check No. 53 | | 348.17 | | | | | | | | | |
| | 54 | Check No. 54 | 350.25 | | | | | | | | | |
| | 55 | Check No. 55 | 352.70 | | | | | | | | | |
| | 56 | Check No. 56 | 354.76 | | | | | | | | | |
| 22A | | | 354.97 | Littlerock Creek I.D. | 0 | | | | | | | |
| | 57 | Check No. 57 | 356.93 | | | | | | | | | |
| | 58 | | 357.60 | Antelope Valley-East Kern WA | 4 | | | | | | | |
| | | | 357.72 | Antelope Valley-East Kern WA 96th Street East | 96 | | | | | | | |
| | | | 359.82 | Antelope Valley-East Kern WA East Side Treatment Plant | 221 | | 221 | | | | | |

1/ AVEK transferred this water to Mojave Water Agency.

Table 31b. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (East Branch, Continued)

(In acre-feet)

April 2001

| Reach No. | Operating Pool | | | Turnout | Total Diversions | Deliveries | | | | | | |
|-----------|--|---------------------------|--------|---|------------------|-------------|------------|----------|-----------------|-------|-------|--|
| | Beginning and Ending | | No. | Structure | Mile | Entitlement | Recreation | Other 1/ | Purchase Pool B | Local | | |
| | No. | Structure | | | | | | | | | | |
| 22B | 58 | Pearblossom Pumping Plant | 360.61 | | | 50,614 | | | | | | |
| | 59 | Check No. 59 | 366.09 | | | | | | | | | |
| | 60 | Check No. 60 | 373.94 | | | | | | | | | |
| | 61 | Check No. 61 | 379.00 | | | | | | | | | |
| | 62 | Check No. 62 | 384.26 | | | | | | | | | |
| | 63 | Check No. 63 | 389.20 | Mojave Water Agency Mojave River | | 0 | | | | | | |
| | 64 | Check No. 64 | 395.10 | | | | | | | | | |
| | 65 | Check No. 65 | 400.32 | | | | | | | | | |
| | 66 | | 401.10 | Mojave Water Agency Morongo 24" and 42" | | 280 | | | | | | |
| | | | | Mojave Water Agency Hesperia | | 0 | | | | | | |
| 23 | Check No. 66 | | 403.41 | | | | | | | | | |
| 24 | Mojave Siphon | | 405.48 | Las Flores Ranch | | 765 | | | | | | |
| | | | | | | | | | | | | |
| | Mojave Siphon Powerplant | | 405.65 | | | 50,907 | | | | | | |
| | Silverwood Lake | | 407.65 | Crestline Lake Arrowhead Water Agency | | 97 | | | | | | |
| | | | | Calif. State Park Silverwood Agency (Rec.) | | 4 | | | | | | |
| 25 | San Bernardino Tunnel | | 411.46 | | | 54,736 | | | | | | |
| | | | | San Gorgonio Pass Water Agency | | 0 | | | | | | |
| 26A | Devil Canyon Powerplant | | 412.73 | | | 54,736 | | | | | | |
| | Devil Canyon Afterbay Control Structures | | 412.88 | MWD-SC Rialto | | 24,050 | | | | | | |
| | | | | Desert Water Agency (MWD Wheeling Exchange) | | 2,056 | | | | | | |
| | | | | San Gabriel Valley Water District | | 0 | | | | | | |
| | | | | Coachella Valley WD (MWD Wheeling Exchange) | | 1,246 | | | | | | |
| | | | | San Bernardino Valley MWD 24" and 72" | | 0 | | | | | | |
| | | | | San Bernardino Valley MWD 48" | | 164 | | | | | | |
| | | | | MWD (SBVMWD Exchange) | | 0 | | | | | | |
| 28G | Santa Ana Valley Pipeline | | 425.46 | | | | | | | | | |
| 28H | | | 433.06 | MWD-SC Box Springs | | 4,274 | | | | | | |
| | | | 440.05 | MWD-SC Perris Bypass Pipeline | | 5,711 | | | | | | |
| | | | 442.00 | MWD-SC 18" | | 269 | | | | | | |
| 28J | Lake Perris | | 443.44 | MWD-SC 54" | | 3,356 | | | | | | |
| | | | | MWD-SC 78" | | 6,355 | | | | | | |
| | | | | Calif. State Park Lake Perris Recreation | | 21 | | | | | | |
| | | | | MWD Total: | 110,253 | | 63,120 | 0 | 37,470 | 8,191 | 1,472 | |

1/ Semi Tropic returned 2,532 AF to MWD and MWD withdrew 34,938 AF from storage.

Table 32. Water Quality At Selected SWP Locations

April 2001

| Constituent | Units | Thermalito Afterbay At Outlet | North Bay Aqueduct Barker Slough Pumping Plant | Banks Pumping Plant | Delta Mendota Canal At McCabe Rd. | California Aqueduct | | | | Devil Canyon Afterbay Near San Bernardino |
|----------------------------|---------------------------|--|---|------------------------|--|--|---------------------------------|-------------------------------|-------------------------------------|--|
| | | | | | | O'Neill Forebay Outlet (Check 13) | Kettleman City (Check 21) | Near Hwy 119 (Check 29) | Tehachapi Afterbay (Check 41) | |
| Alkalinity | mg/l as CaCO ₃ | 43 | 145 | 82 | 97 | 91 | 89 | 89 | 93 | 82 |
| Antimony | mg/l | NR | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | NR | NR |
| Arsenic | mg/l | <0.001 | 0.003 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.003 | 0.002 |
| Beryllium | mg/l | NR | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Boron | mg/l | <0.1 | 0.3 | 0.2 | 0.4 | 0.2 | 0.3 | 0.2 | 0.2 | 0.2 |
| Bromide | mg/l | NR | 0.08 | 0.11 | 0.23 | 0.17 | 0.17 | 0.20 | 0.16 | 0.23 |
| Calcium | mg/l | 9 | 24 | 22 | 35 | 27 | 29 | 26 | 29 | 27 |
| Carbon - Dissolved Organic | mg/l as C | NR | 6 | 4 | 3 | 4 | 5 | 4 | 4 | 4 |
| Carbon - Total Organic | mg/l as C | NR | 6 | 4 | 4 | 4 | 5 | 4 | 4 | 4 |
| Chloride | mg/l | 1 | 39 | 41 | 77 | 58 | 60 | 64 | 53 | 75 |
| Chromium | mg/l | <0.005 | 0.009 | 0.005 | <0.005 | 0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| Copper | mg/l | <0.001 | 0.004 | 0.002 | 0.003 | 0.003 | 0.003 | 0.001 | 0.003 | 0.003 |
| Fluoride | mg/l | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Hardness | mg/l as CaCO ₃ | 39 | 151 | 104 | 162 | 129 | 138 | 109 | 122 | 129 |
| Iron | mg/l | <0.005 | <0.005 | 0.016 | 0.061 | 0.013 | 0.072 | <0.005 | 0.033 | 0.012 |
| Lead | mg/l | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Magnesium | mg/l | 4 | 22 | 12 | 18 | 15 | 16 | 11 | 12 | 15 |
| Manganese | mg/l | <0.005 | 0.005 | 0.015 | 0.006 | 0.006 | <0.005 | <0.005 | <0.005 | <0.005 |
| Nitrate + Nitrite | mg/l as N | <0.01 | 0.20 | 0.77 | NR | NR | 0.60 | NR | 1.10 | 1.10 |
| Phosphorus-Ortho | mg/l as P | <0.01 | 0.07 | 0.08 | NR | NR | 0.09 | NR | 0.06 | 0.07 |
| Phosphorus-Total | mg/l | 0.02 | 0.14 | 0.11 | NR | NR | 0.15 | NR | 0.09 | 0.09 |
| Selenium | mg/l | <0.001 | <0.001 | <0.001 | NR | NR | NR | <0.001 | NR | NR |
| Sodium | mg/l | 4 | 48 | 35 | 68 | 49 | 53 | 51 | 48 | 58 |
| Specific Conductance | µS/cm | 80 | 470 | 338 | 625 | 489 | 502 | 501 | 470 | 480 |
| Sulfate | mg/l | 2 | 54 | 39 | 82 | 57 | 60 | 56 | 56 | 55 |
| Total Dissolved Solids | mg/l | 60 | 289 | 220 | 357 | 274 | 288 | 275 | 275 | 307 |
| Turbidity | NTU | 10 | 27.6 | 10.3 | 17.9 | 9.44 | 4.69 | 13.96 | 5.245 | 3 |
| Zinc | mg/l | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |

mg/l milligrams per liter

µg/l micrograms per liter

µS/cm microSiemens per centimeter

NR - Not Reported

NTU - nephelometric turbidity units

Table 33. Water Quality At Selected Delta Stations

April 2001

| Date | Tides (feet above mean sea level) | | Flow In CFS | | Electrical Conductivity in millSiemens/cm | | | | | | | | | Cl in mg/l | |
|------|--------------------------------------|--------------------|----------------------------|--------|---|---------|-------------------|---------|------|-----------------|------|------------------|-----------------|---------------------------|----|
| | (Antioch) Daily Mean | | Net Delta Outflow Index | | Rio Vista | Antioch | Chippis island | Emmaton | | Jersey Point | | Clifton Court | Cache Slough | Delta Mendota Canal | |
| | Mean Daily | Monthly Average | md | md | | | | md | 14dm | md | 14dm | | | | |
| | Hi | Half | | | | | | | | | | | | | md |
| 1 | 2.95 | 1.20 | 8,514 | 8,514 | 10,867 | 0.48 | 2.26 | 0.26 | 0.25 | 0.29 | 0.26 | 0.46 | 0.85 | 0.54 | 42 |
| 2 | 2.79 e | 1.13 e | 8,205 | 8,360 | 11,107 | 0.51 | 2.09 | 0.26 | 0.25 | 0.29 | 0.26 | 0.43 | 0.84 | 0.55 | 42 |
| 3 | 2.46 | 0.74 | 8,551 | 8,423 | 11,055 | 0.51 | 1.67 | 0.25 | 0.25 | 0.28 | 0.26 | 0.41 | 0.83 | 0.59 | 35 |
| 4 | 2.43 | 0.58 | 8,447 | 8,429 | 10,797 | 0.51 | 1.70 | 0.24 | 0.25 | 0.28 | 0.27 | 0.40 | 0.83 | 0.59 | 45 |
| 5 | 2.68 | 0.74 | 10,103 | 8,764 | 10,288 | 0.58 | 2.17 | 0.25 | 0.25 | 0.29 | 0.27 | 0.49 | 0.83 | 0.53 | 47 |
| 6 | 2.66 | 0.83 | 10,158 | 8,996 | 10,791 | 0.62 | 2.54 | 0.26 | 0.25 | 0.28 | 0.27 | 0.41 | 0.83 | 0.52 | 48 |
| 7 | 2.60 | 0.91 | 13,766 | 9,678 | 12,163 | 0.63 | 2.36 | 0.25 | 0.25 | 0.28 | 0.27 | 0.47 | 0.84 | 0.54 | 40 |
| 8 | 2.51 | 0.63 | 14,867 | 10,326 | 12,200 | 0.52 | 2.07 | 0.25 | 0.25 | 0.27 | 0.28 | 0.67 | 0.78 | 0.62 | 43 |
| 9 | 2.64 | 0.69 | 17,004 | 11,068 | 12,629 | 0.49 | 1.84 | 0.24 | 0.25 | 0.27 | 0.28 | 0.54 | 0.76 | 0.54 | 50 |
| 10 | 2.71 | 0.66 | 15,168 | 11,478 | 12,454 | 0.55 | 1.98 | 0.24 | 0.25 | 0.28 | 0.28 | 0.55 | 0.78 | 0.50 | 50 |
| 11 | 2.75 | 0.72 | 14,410 | 11,745 | 12,032 | 0.61 | 2.22 | 0.25 | 0.25 | 0.28 | 0.28 | 0.46 | 0.81 | 0.47 | 53 |
| 12 | 2.57 | 0.61 | 11,277 | 11,706 | 11,276 | 0.57 | 1.90 | 0.25 | 0.25 | 0.28 | 0.28 | 0.52 | 0.83 | 0.48 | 45 |
| 13 | 2.40 | 0.62 | 10,901 | 11,644 | 10,443 | 0.58 | 2.02 | 0.27 | 0.25 | 0.28 | 0.28 | 0.42 | 0.84 | 0.46 | 38 |
| 14 | 2.08 | 0.57 | 8,167 | 11,396 | 9,947 | 0.53 | 1.75 | 0.27 | 0.25 | 0.28 | 0.28 | 0.40 | 0.84 | 0.51 | 36 |
| 15 | 1.86 | 0.59 | 8,214 | 11,183 | 9,604 | 0.53 | 1.76 | 0.27 | 0.25 | 0.28 | 0.28 | 0.41 | 0.86 | 0.50 | 35 |
| 16 | 1.80 | 0.56 | 7,577 | 10,958 | 9,177 | 0.49 | 2.00 | 0.26 | 0.25 | 0.29 | 0.28 | 0.40 | 0.86 | 0.51 | 34 |
| 17 | 1.72 | 0.38 | 7,601 | 10,760 | 9,019 | 0.49 | 2.19 | 0.27 | 0.26 | 0.28 | 0.28 | 0.37 | 0.79 | 0.50 | 32 |
| 18 | 1.81 | 0.50 | 7,961 | 10,605 | 8,040 | 0.51 | 3.40 | 0.27 | 0.26 | 0.29 | 0.28 | 0.40 | 0.76 | 0.47 | 34 |
| 19 | 1.99 | 0.59 | 7,362 | 10,434 | 7,899 | 0.60 | 4.06 | 0.26 | 0.26 | 0.30 | 0.28 | 0.40 | 0.70 | 0.52 | 37 |
| 20 | 2.18 | 0.72 | 10,370 | 10,431 | 8,373 | 0.58 | 4.38 | 0.26 | 0.26 | 0.29 | 0.28 | 0.48 | 0.70 | 0.53 | 34 |
| 21 | 2.39 | 0.68 | 17,759 | 10,780 | 11,467 | 0.58 | 3.89 | 0.25 e | 0.26 | 0.29 e | 0.28 | 0.65 | 0.68 e | 0.67 | 35 |
| 22 | 2.19 | 0.40 | 20,909 | 11,240 | 11,933 | 0.54 | 3.05 | 0.25 | 0.26 | 0.26 | 0.28 | 0.70 | 0.66 | 0.74 | 35 |
| 23 | 2.19 | 0.31 | 21,440 | 11,684 | 11,831 | 0.52 | 2.52 | 0.25 | 0.26 | 0.25 | 0.28 | 0.52 | 0.65 | 0.59 | 38 |
| 24 | 2.39 | 0.48 | 20,915 | 12,069 | 11,688 | 0.44 | 2.52 | 0.26 | 0.26 | 0.25 | 0.28 | 0.45 | 0.66 | 0.51 | 39 |
| 25 | 2.69 | 0.73 | 20,687 | 12,413 | 11,280 | 0.48 | 2.75 | 0.26 | 0.26 | 0.25 | 0.28 | 0.45 | 0.64 | 0.47 | 38 |
| 26 | 3.04 | 1.04 | 14,517 | 12,494 | 8,977 | 0.81 | 3.35 | 0.28 | 0.26 | 0.26 | 0.28 | 0.50 | 0.61 | 0.45 | 39 |
| 27 | 3.16 | 1.03 | 13,530 | 12,533 | 8,657 | 0.88 | 3.43 | 0.31 | 0.27 | 0.26 | 0.27 | 0.49 | 0.59 | 0.45 | 41 |
| 28 | 3.00 | 1.01 | 13,037 | 12,551 | 8,766 | 0.76 | 2.91 | 0.30 | 0.27 | 0.26 | 0.27 | 0.45 | 0.58 | 0.44 | 39 |
| 29 | 2.74 | 0.88 | 13,195 | 12,573 | 8,143 | 0.51 | 2.49 | 0.29 | 0.27 | 0.26 | 0.27 | 0.44 | 0.58 | 0.43 | 36 |
| 30 | 2.44 | 0.81 | 12,419 | 12,568 | 7,559 | 0.44 | 2.21 | 0.28 | 0.27 | 0.25 | 0.27 | 0.43 | 0.59 | 0.43 | 36 |

Clifton Court Cl(mg/l)=200X EC - 25

e = Estimated

N.R. = No Record.

N.C. = Not computed due to insufficient data.

f = Excess Delta conditions with fish concerns.

r = Excess delta conditions with export/inflow ratio concerns.

s = Balanced water conditions with storage withdrawals.

dm = Daily Mean

md = Mean Daily

Table 34. Pesticides, Herbicides, and Other Organic Substances Detected In the SWP

April 2001

| Sampling Location | Sample Date 1/ | Chemical Detected | Concentration µg/l 2/ |
|--|-------------------|--------------------------------------|-----------------------------|
| North Bay Aqueduct At Barker Slough Pumping Plant | March 21, 2001 | 2,4-Dichlorophenylacetic acid (DCAA) | 0.49 |
| | March 21, 2001 | Diazinon | 0.01 |
| | March 21, 2001 | Simazine | 0.02 |
| | March 21, 2001 | Diuron | 0.28 |
| California Aqueduct At Banks Pumping Plant | March 21, 2001 | Diuron | 0.69 |
| | March 21, 2001 | 2,4-Dichlorophenylacetic acid (DCAA) | 0.34 |
| | March 21, 2001 | Diazinon | 0.01 |
| | March 21, 2001 | Simazine | 0.12 |
| Delta Mendota Canal At McCabe Road | March 20, 2001 | Diazinon | 0.01 |
| | March 20, 2001 | Simazine | 0.09 |
| | March 20, 2001 | Diuron | 0.69 |
| | March 20, 2001 | 2,4-Dichlorophenylacetic acid (DCAA) | 0.35 |
| California Aqueduct Near Kettleman City (Check 21) | March 20, 2001 | Diuron | 0.60 |
| | March 20, 2001 | Simazine | 0.08 |
| | March 20, 2001 | Diazinon | 0.01 |
| | March 20, 2001 | 2,4-Dichlorophenylacetic acid (DCAA) | 0.37 |
| California Aqueduct At Tehachapi Afterbay (Check 41) | March 21, 2001 | Diazinon | 0.01 |
| | March 21, 2001 | Simazine | 0.05 |
| | March 21, 2001 | Diuron | 0.73 |
| | March 21, 2001 | 2,4-Dichlorophenylacetic acid (DCAA) | 0.31 |
| Devil Canyon Power Plant At Entrance To Santa Ana Pipeline | March 21, 2001 | 2,4-Dichlorophenylacetic acid (DCAA) | 0.31 |
| | March 21, 2001 | Diuron | 1.55 |
| | March 21, 2001 | Diazinon | 0.01 |
| | March 21, 2001 | Simazine | 0.02 |

1/ Locations are normally sampled during March, June, and September. Monthly reports will include data for the month in which samples were most recently taken.

2/ Micrograms per liter.

Table 35. Oroville and Delta Field Divisions Energy Data

(in kWh)

April 2001

| Date | Oroville Thermalito Complex | | Barker Slough Pumping Plant | Cordelia Pumping Plant Load | Banks Pumping Plant | | South Bay Pumping Plant Load | Del Valle Pumping Plant Load |
|-------|-----------------------------|------------|-----------------------------|-----------------------------|---------------------|------------|------------------------------|------------------------------|
| | Generation | Load | | | Total Load | SWP Load | | |
| 1 | 42,624 | 3,381,120 | 6,160 | 10,129 | 1,979,520 | 1,979,520 | 287,000 | 165 |
| 2 | 6,464,448 | 0 | 6,062 | 11,627 | 1,824,192 | 1,824,192 | 428,915 | 6,721 |
| 3 | 2,971,872 | 0 | 8,624 | 18,004 | 1,859,520 | 1,859,520 | 491,935 | 13,802 |
| 4 | 2,088,000 | 875,808 | 20,489 | 41,972 | 1,658,304 | 1,658,304 | 486,765 | 12,466 |
| 5 | 1,723,968 | 877,536 | 29,071 | 47,054 | 977,472 | 977,472 | 481,975 | 12,192 |
| 6 | 1,451,232 | 891,936 | 26,859 | 46,718 | 932,544 | 932,544 | 463,260 | 14,244 |
| 7 | 130,464 | 929,376 | 15,743 | 36,666 | 641,664 | 641,664 | 449,680 | 16,816 |
| 8 | 1,440 | 5,528,160 | 14,966 | 38,038 | 612,672 | 612,672 | 450,020 | 17,681 |
| 9 | 1,924,416 | 742,176 | 19,383 | 39,242 | 375,168 | 375,168 | 419,780 | 18,645 |
| 10 | 2,887,200 | 864,864 | 20,272 | 37,016 | 1,353,024 | 1,353,024 | 366,755 | 15,508 |
| 11 | 3,045,312 | 738,144 | 19,572 | 38,696 | 1,383,744 | 1,383,744 | 347,860 | 16,381 |
| 12 | 2,323,584 | 3,744 | 22,890 | 39,662 | 1,420,032 | 1,420,032 | 353,145 | 18,783 |
| 13 | 1,822,176 | 2,880 | 30,758 | 42,504 | 1,474,176 | 1,474,176 | 362,610 | 18,747 |
| 14 | 1,101,312 | 6,912 | 30,569 | 41,104 | 1,637,568 | 1,637,568 | 369,680 | 18,794 |
| 15 | 1,440 | 4,368,960 | 27,965 | 35,973 | 1,594,944 | 1,594,944 | 369,195 | 18,769 |
| 16 | 3,355,776 | 730,656 | 28,238 | 37,282 | 1,422,912 | 1,422,912 | 338,315 | 16,512 |
| 17 | 3,320,640 | 5,184 | 28,392 | 38,479 | 1,578,048 | 1,578,048 | 160,730 | 411 |
| 18 | 2,965,248 | 4,320 | 27,426 | 39,648 | 1,075,584 | 1,075,584 | 112,675 | 172 |
| 19 | 4,077,216 | 10,944 | 26,481 | 36,540 | 1,665,600 | 1,665,600 | 71,270 | 176 |
| 20 | 3,498,624 | 857,376 | 30,618 | 41,279 | 229,056 | 229,056 | 80,795 | 187 |
| 21 | 1,500,768 | 1,552,608 | 25,025 | 38,976 | 17,088 | 17,088 | 66,935 | 184 |
| 22 | 1,152 | 6,486,624 | 25,403 | 37,905 | 16,704 | 16,704 | 61,420 | 178 |
| 23 | 3,067,488 | 14,112 | 24,941 | 37,786 | 17,280 | 17,280 | 68,495 | 181 |
| 24 | 4,756,032 | 2,016 | 25,382 | 37,611 | 17,088 | 17,088 | 87,890 | 178 |
| 25 | 5,032,512 | 10,944 | 28,336 | 42,371 | 17,088 | 17,088 | 109,600 | 180 |
| 26 | 5,966,784 | 854,208 | 26,040 | 38,682 | 394,176 | 394,176 | 153,680 | 171 |
| 27 | 3,451,680 | 863,424 | 28,546 | 39,900 | 462,528 | 462,528 | 274,625 | 6,568 |
| 28 | 2,797,632 | 858,816 | 28,504 | 39,270 | 464,256 | 464,256 | 359,350 | 15,704 |
| 29 | 1,152 | 6,218,496 | 28,154 | 39,998 | 871,104 | 871,104 | 368,495 | 16,312 |
| 30 | 6,519,744 | 852,480 | 34,769 | 40,131 | 216,000 | 216,000 | 376,245 | 16,007 |
| Total | 78,291,936 | 38,533,824 | 715,638 | 1,110,263 | 28,189,056 | 28,189,056 | 8,819,095 | 292,835 |

Table 36. San Luis Field Division Energy Data

April 2001

(in kWh)

| Date | Dos Amigos Pumping Plant | | Gianelli Pumping-Generating Plant | | | |
|-------|--------------------------|-------------|-----------------------------------|-------------------|------------|-------------|
| | Total Load | SWP Load 1/ | Total Generation | SWP Generation 1/ | Total Load | SWP Load 1/ |
| 1 | 1,282,176 | 776,176 | 0 | 0 | 420,192 | 420,192 |
| 2 | 998,208 | 461,208 | 468,288 | 118,288 | 408,960 | 408,960 |
| 3 | 930,384 | 386,384 | 0 | 0 | 19,872 | 19,872 |
| 4 | 1,026,144 | 489,144 | 0 | 0 | 725,472 | 725,472 |
| 5 | 1,101,744 | 660,744 | 0 | 0 | 19,872 | 19,872 |
| 6 | 1,197,648 | 756,648 | 930,528 | 930,528 | 12,384 | 12,384 |
| 7 | 991,872 | 550,872 | 3,830,976 | 2,525,976 | 6,048 | 6,048 |
| 8 | 1,212,048 | 780,048 | 8,064 | 8,064 | 18,432 | 18,432 |
| 9 | 587,088 | 185,088 | 0 | 0 | 19,584 | 19,584 |
| 10 | 358,704 | 46,704 | 0 | 0 | 273,888 | 273,888 |
| 11 | 492,480 | 90,480 | 0 | 0 | 2,149,920 | 2,149,920 |
| 12 | 538,704 | 376,704 | 0 | 0 | 2,430,432 | 2,430,432 |
| 13 | 793,440 | 631,440 | 0 | 0 | 2,158,848 | 2,158,848 |
| 14 | 551,952 | 389,952 | 0 | 0 | 1,683,072 | 1,683,072 |
| 15 | 703,584 | 535,584 | 0 | 0 | 2,458,944 | 2,458,944 |
| 16 | 567,936 | 405,936 | 0 | 0 | 1,542,816 | 489,816 |
| 17 | 493,632 | 331,632 | 0 | 0 | 1,715,616 | 662,616 |
| 18 | 619,632 | 457,632 | 0 | 0 | 1,465,632 | 646,632 |
| 19 | 651,600 | 489,600 | 0 | 0 | 19,008 | 19,008 |
| 20 | 612,000 | 363,000 | 844,992 | 844,992 | 15,552 | 15,552 |
| 21 | 714,384 | 465,384 | 2,122,272 | 958,272 | 10,944 | 10,944 |
| 22 | 974,880 | 734,880 | 1,540,224 | 958,224 | 0 | 0 |
| 23 | 591,984 | 342,984 | 2,124,000 | 1,102,000 | 1,728 | 1,728 |
| 24 | 624,528 | 375,528 | 1,702,080 | 680,080 | 6,336 | 6,336 |
| 25 | 678,816 | 429,816 | 1,071,072 | 777,072 | 5,760 | 5,760 |
| 26 | 706,896 | 457,896 | 2,297,088 | 1,231,088 | 6,624 | 6,624 |
| 27 | 710,208 | 299,208 | 2,666,880 | 1,332,880 | 6,048 | 6,048 |
| 28 | 598,176 | 187,176 | 1,710,144 | 376,144 | 9,504 | 9,504 |
| 29 | 828,000 | 420,000 | 1,315,008 | -18,992 | 11,808 | 11,808 |
| 30 | 739,008 | 328,008 | 2,029,248 | 695,248 | 6,048 | 6,048 |
| Total | 22,877,856 | 13,205,856 | 24,660,864 | 12,519,864 | 17,629,344 | 14,704,344 |

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

Table 37. San Joaquin Field Division Pumping Plant Energy Load Data

(in kWh)

April 2001

| Date | Coastal Branch | | | | | California Aqueduct | | | |
|-------|----------------|-------------|------------|-----------|-----------|---------------------|------------|------------|-------------|
| | Las Perillas | Badger Hill | Devils Den | Bluestone | Polonio | Buena Vista | Teerink | Chrismen | Edmonston |
| 1 | 5,946 | 14,520 | 35,748 | 34,236 | 36,360 | 1,255,896 | 1,361,304 | 3,086,208 | 11,453,760 |
| 2 | 6,314 | 14,912 | 34,236 | 31,932 | 34,506 | 839,592 | 919,944 | 2,033,856 | 7,220,880 |
| 3 | 7,070 | 17,744 | 38,142 | 36,414 | 38,448 | 911,376 | 936,720 | 2,074,176 | 7,628,400 |
| 4 | 24,114 | 66,776 | 47,538 | 45,180 | 48,510 | 795,960 | 802,224 | 1,792,800 | 6,450,480 |
| 5 | 4,096 | 10,208 | 43,038 | 40,500 | 41,760 | 807,408 | 868,176 | 1,949,184 | 7,081,200 |
| 6 | 6,676 | 15,968 | 31,662 | 30,096 | 32,976 | 929,304 | 1,021,896 | 2,300,544 | 8,415,360 |
| 7 | 4,788 | 13,480 | 33,030 | 30,924 | 33,462 | 1,006,056 | 1,122,624 | 2,499,840 | 9,370,080 |
| 8 | 6,248 | 14,896 | 49,014 | 46,800 | 48,150 | 1,761,624 | 1,918,152 | 4,330,368 | 15,769,440 |
| 9 | 5,626 | 14,320 | 35,640 | 34,632 | 37,296 | 481,464 | 514,584 | 1,176,768 | 4,259,520 |
| 10 | 3,354 | 8,024 | 27,900 | 25,740 | 27,594 | 525,312 | 558,072 | 1,220,544 | 4,612,320 |
| 11 | 2,134 | 4,312 | 11,376 | 11,286 | 11,700 | 570,744 | 612,792 | 1,365,408 | 4,921,920 |
| 12 | 4,610 | 11,104 | 49,716 | 47,520 | 50,454 | 798,264 | 829,440 | 1,856,736 | 6,785,280 |
| 13 | 9,732 | 24,944 | 38,556 | 36,630 | 37,872 | 663,480 | 698,112 | 1,597,536 | 5,996,160 |
| 14 | 10,842 | 29,144 | 44,100 | 41,346 | 43,974 | 560,880 | 622,512 | 1,400,544 | 4,867,200 |
| 15 | 7,352 | 19,176 | 38,718 | 36,342 | 39,330 | 1,250,712 | 1,374,984 | 3,140,640 | 11,696,400 |
| 16 | 8,386 | 20,744 | 30,096 | 29,160 | 30,780 | 539,280 | 569,592 | 1,262,016 | 4,416,480 |
| 17 | 18,482 | 50,784 | 47,790 | 44,532 | 47,232 | 494,064 | 499,968 | 1,104,192 | 4,044,240 |
| 18 | 12,592 | 32,816 | 42,750 | 41,328 | 43,398 | 545,904 | 528,264 | 1,130,688 | 3,987,360 |
| 19 | 10,772 | 28,000 | 43,218 | 41,598 | 44,280 | 553,248 | 508,392 | 1,124,064 | 4,168,800 |
| 20 | 12,374 | 34,264 | 43,398 | 41,076 | 42,732 | 444,384 | 441,432 | 963,072 | 3,324,960 |
| 21 | 14,320 | 37,800 | 42,876 | 40,734 | 42,930 | 526,536 | 556,488 | 1,291,968 | 4,606,560 |
| 22 | 9,232 | 25,384 | 48,924 | 46,188 | 48,384 | 1,144,728 | 1,229,904 | 2,780,352 | 10,247,040 |
| 23 | 15,694 | 42,176 | 38,556 | 36,144 | 39,096 | 492,408 | 551,664 | 1,252,800 | 4,479,840 |
| 24 | 21,032 | 57,544 | 35,118 | 33,318 | 35,316 | 610,848 | 607,536 | 1,329,408 | 4,703,040 |
| 25 | 17,306 | 45,936 | 36,828 | 34,560 | 36,144 | 583,056 | 612,504 | 1,298,880 | 4,699,440 |
| 26 | 17,202 | 46,832 | 49,194 | 46,404 | 49,050 | 545,400 | 555,624 | 1,192,608 | 4,073,040 |
| 27 | 16,120 | 43,288 | 49,770 | 46,584 | 49,428 | 450,792 | 399,600 | 884,160 | 3,203,280 |
| 28 | 23,610 | 62,768 | 48,006 | 46,044 | 48,114 | 367,560 | 315,864 | 726,624 | 2,823,840 |
| 29 | 18,416 | 48,224 | 46,368 | 43,884 | 46,224 | 942,192 | 1,052,640 | 2,356,128 | 8,280,000 |
| 30 | 17,394 | 48,312 | 32,778 | 30,762 | 33,012 | 638,712 | 619,920 | 1,370,592 | 4,996,080 |
| Total | 341,834 | 904,400 | 1,194,084 | 1,131,894 | 1,198,512 | 22,037,184 | 23,210,928 | 51,892,704 | 188,582,400 |

Table 38. Southern Field Division Energy Data

April 2001

(in kWh)

| Date | West Branch | | | East Branch | | | |
|-------|------------------------------|-----------------------------------|---|-----------------------------------|--------------------------------------|--|---|
| | Oso Pumping Plant Load | Warne Powerplant Generation | Castaic Powerplant SWP Generation | Alamo Powerplant Generation | Pearblossom Pumping Plant Load | Devil Canyon Powerplant Generation | Mojave Siphon Powerplant Generation |
| 1 | 649,264 | 1,272,744 | 1,403,000 | 318,556 | 1,555,356 | 2,355,552 | 155,337 |
| 2 | 365,568 | 1,200,672 | 1,440,000 | 217,252 | 1,120,836 | 2,715,552 | 117,054 |
| 3 | 427,728 | 1,135,008 | 1,440,000 | 212,744 | 1,049,640 | 2,325,792 | 113,547 |
| 4 | 405,440 | 965,304 | 1,440,000 | 158,592 | 1,059,612 | 2,690,208 | 110,397 |
| 5 | 369,152 | 1,027,152 | 1,440,000 | 204,932 | 942,060 | 2,705,280 | 141,351 |
| 6 | 409,360 | 984,456 | 1,440,000 | 266,000 | 1,229,928 | 2,957,472 | 125,580 |
| 7 | 453,208 | 777,240 | 1,440,000 | 279,860 | 1,437,936 | 2,269,152 | 198,786 |
| 8 | 739,312 | 979,992 | 1,440,000 | 425,824 | 2,631,312 | 2,103,264 | 279,657 |
| 9 | 8,064 | 0 | 0 | 185,892 | 1,208,436 | 2,205,216 | 128,310 |
| 10 | 6,888 | 0 | 0 | 201,852 | 1,210,980 | 2,705,088 | 160,944 |
| 11 | 126,392 | 791,064 | 1,344,000 | 197,792 | 1,031,988 | 2,818,176 | 154,161 |
| 12 | 370,608 | 762,480 | 1,344,000 | 180,264 | 973,356 | 2,485,440 | 124,719 |
| 13 | 186,368 | 661,968 | 1,344,000 | 210,168 | 1,015,584 | 2,194,752 | 121,653 |
| 14 | 129,080 | 399,888 | 1,344,000 | 172,004 | 1,135,608 | 2,280,672 | 139,503 |
| 15 | 427,280 | 574,848 | 1,344,000 | 423,808 | 2,259,348 | 1,971,936 | 253,953 |
| 16 | 176,680 | 495,432 | 504,000 | 154,672 | 920,016 | 2,637,984 | 116,718 |
| 17 | 6,832 | 0 | 0 | 178,948 | 1,006,620 | 2,039,424 | 103,971 |
| 18 | 6,944 | 0 | 0 | 174,356 | 1,020,288 | 2,282,208 | 138,033 |
| 19 | 7,112 | 0 | 0 | 186,648 | 1,044,156 | 2,035,968 | 122,850 |
| 20 | 89,992 | 193,392 | 312,000 | 141,372 | 681,900 | 1,654,176 | 62,916 |
| 21 | 164,976 | 197,712 | 312,000 | 161,896 | 824,448 | 1,632,768 | 92,001 |
| 22 | 432,936 | 892,656 | 216,000 | 352,744 | 1,766,640 | 1,866,336 | 191,331 |
| 23 | 156,968 | 411,264 | 312,000 | 161,028 | 844,848 | 1,670,016 | 101,199 |
| 24 | 196,280 | 571,392 | 312,000 | 162,792 | 821,640 | 1,789,056 | 79,632 |
| 25 | 173,992 | 534,096 | 624,000 | 160,804 | 918,996 | 1,696,128 | 100,590 |
| 26 | 107,576 | 377,136 | 624,000 | 165,704 | 900,672 | 2,015,136 | 72,387 |
| 27 | 34,832 | 79,992 | 624,000 | 147,728 | 597,612 | 1,867,968 | 69,447 |
| 28 | 52,304 | 0 | 624,000 | 121,128 | 581,556 | 2,389,920 | 59,241 |
| 29 | 259,392 | 197,208 | 576,000 | 329,476 | 1,818,420 | 2,118,048 | 207,417 |
| 30 | 174,832 | 430,920 | 1,680,000 | 184,772 | 742,524 | 2,566,944 | 78,120 |
| Total | 7,115,360 | 15,914,016 | 24,923,000 | 6,439,608 | 34,352,316 | 67,045,632 | 3,920,805 |